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### Candidate Contact Information

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### Application Summary

<b>Job Title:</b> Commissioner	<b>Job ID:</b> 197016001
<b>Application Date:</b> 06/29/18	<b>Resume Updated:</b> 05/27/18
<b>Career Level:</b> Experienced (Non-Manager)	<b>Relocation:</b> Will Relocate
<b>Rating:</b> Not Rated	<b>Highest Education:</b> Master's Degree
<b>Work Status:</b> US - I am authorized to work in this country for any employer.	<b>Screening Score:</b> no specified
<b>Work Experience:</b> More than 19.4 years	

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Sincerely,

**Email:**

**Svanan74@gmail.com**

Status: Green card EAD (I-485)

Employment Type: W2

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**SUMMARY:**

- **Twenty years of experience** in Software Application Design & Development, BI Development, Quality Testing and Implementation.
  - **Microsoft Certified (MCTS) in SQL Server Business Intelligence – Implementation & Maintenance.**
  - **IBM Certified in Object Oriented Analysis And Design With UML**
  - **Microsoft Certified Application Developer (MCAD) in .NET and SQL Server**
  - **ORACLE Certified Associate (OCA) SQL / PLSQL**
  - Experience in **Data Warehouse Development** using **SQL Server Enterprise edition 2016, MDX, SQL Server Analysis & Reporting Service, ETL Packages using SQL Server Integration Services, PerformancePoint Dashboards, SharePoint Server 2016, Oracle (PL/SQL), Excel Power Pivot, DAX.**
  - Logical and Physical data modelling, Designed & implemented OLAP multidimensional databases, dimensional modelling using star schema, Fact tables, Partition tables, Measures and Staging databases. **Performance Point dashboards with KPI's, Score cards, Graphical reports & Charts.**
  - Experienced in architecting **ETL SSIS Packages, ETL data mapping specifications, Data dictionary, Metadata management, data governance, Design ETL packages to load Staging, dimensional and Fact tables, Process partitions.** Implemented **high volume data migration** from Oracle/ TeraData to SQL Server 2016 OLAP / OLTP Databases. Experienced in SQL Server Performance Tuning, generating Query plans and T-SQL Query/Procedure Optimization. Statistics and execution plan generation. Update Statistics for performance.
  - Strong skills in **.NET Framework 4.5, C#, VB.NET, ASP.NET 4.0, MVC, Bootstrap, Web Services, XML, XSL, Visual Basic 6.0, COM, MTS, ActiveX, ASP, DHTML, HTML/CSS, JavaScript, Cold Fusion 5.0/4.0, Crystal Reports 8.5/9.0, Crystal Enterprise Server, Visual SourceSafe.**
  - Strong consulting experience in implementing RDBMS based business & Web Applications, **Conversion project from Oracle/SQL 2016, DBA activity and Reverse Engineering, Data warehouse, Data/applications migration** and web based/Client server Applications implementation. Involved in Systems Analysis and Design, Database Design, **Data Modeling (logical/Physical) and Normalization** and prepared numerous System Delivery Specifications. Developed and managed database objects - tables, views, functions, indexes, synonyms, stored procedures, triggers, linked servers, & XML Query.
  - Extensive experience in Architecting **Web, E-Payment & Windows applications** using **Microsoft ASP.NET, VB.NET & Cold Fusion Technologies with SQL Server & Oracle** databases. Architect, Developed & Implemented the Web based **Management Information Systems, Financial & Budgeting system** using ASP.NET, web services, ADO.NET, AJAX & Microsoft Application Blocks with a multi-tier architecture.
  - Provided **Production support** of the Financial, Budgeting System & Management Information System databases. Experienced in security administration, configuration management, performance tuning, and support.
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**TECHNICAL SKILLS:**

<b>Business Intelligence &amp; Dashboards</b>	Microsoft Power BI, SQL Server 2016 Enterprise , SQL Server Analysis Service, SQL Server Reporting Services, SQL Server Integration Services, SharePoint Server 2016/2010, PerformancePoint Server, Microsoft Office 2016, Excel Power Pivot
<b>ETL Tools</b>	SQL Server Integration Service 2016/2012 , Oracle Warehouse Builder 11g
<b>Database Servers</b>	SQL Server 2016 / 2012 Enterprise, Microsoft Analysis Server 11.0, Oracle 12c, DB2 Teradata 7.0,
<b>Data Model</b>	Dimensional modelling, Star Schema, Relational and OLAP Databases, Horizontal Partitioned Tables
<b>Performance &amp; Monitoring</b>	SQL Server Profiler v17.2, Database Engine Tuning Advisor 14.0, Activity Monitor, Windows Performance Monitor, SQL Server Extended events, DMV's
<b>Reports</b>	SQL Server Reports 2016/2012, Active Reports 11, Crystal Reports , Crystal Enterprise Server, Power BI Report Server
<b>Web Development</b>	ASP.NET/ASP, XML, XSLT, Web Services, .NET Framework 4.5, MVC, Bootstrap, Peters Data Entry Suite 5.0, Cold Fusion 5.0, CFML, JavaScript, CSS
<b>Source Control</b>	Team Foundation Server, Visual SourceSafe 2005
<b>Languages</b>	C#, VB, MDX, Transact SQL, PL/SQL, C++
<b>Security</b>	Transparent Data Encryption, Backup Encryption, Master key, certificates, SSL certificates & bindings, Secure FTP, Credentials and Proxy accounts, Audit Specifications
<b>Methodology &amp; Tools</b>	OOAD UML, RUP, Visio
<b>Development Packages</b>	Visual Studio 2017, 2012, SQL Server 2016 Management Studio v17.2, Oracle SQL Developer 18.1, PL/SQL Developer, Cold Fusion Studio. Oracle 12c Developer tools for Visual studio 17, ERWin Data Modeler
<b>Servers</b>	Windows Server 2016 Datacenter, Internet Information Services 10.0 SharePoint Server 2016 Performance Point Server 2013, Cold Fusion Application Server

**EDUCATION:**

**Masters in Business Administration** (Systems & Management) (1996-1998)  
Bharathiar School Of Management & Entrepreneur Development, Bharathiar University, India

**Bachelors in Engineering** (Electrical & Electronics), (1991-1995), Annamalai University, India

**PROFESSIONAL CERTIFICATIONS****MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST (MCTS)**

- SQL Server Business Intelligence – Implementation & Maintenance.

**MICROSOFT CERTIFIED APPLICATION DEVELOPER (MCAD)**

- Developing and Implementing Web Services & Components Using Visual Studio.NET.
- Developing and Implementing Web Applications using Visual Studio.NET.
- Designing and Implementing Databases with SQL Server Enterprise Edition.

**IBM CERTIFIED in Object Oriented Analysis and Design with UML****ORACLE CERTIFIED ASSOCIATE (OCA)**

- Program with Oracle SQL. / Program with Oracle PL/SQL.

**COMPUTING TECHNOLOGY INDUSTRY ASSOCIATION (COMPTIA)**

Certified Security + Professional

**BRAIN BENCH CERTIFICATION**

- Certified in SQL Server 2014 Reporting Services
- Certified ASP programmer. Certified Cold Fusion programmer. Certified in ASP.NET

**TRAINING:**

- Information Communication Technology Accessibility/Section 508 (ADA)
- Digital Security Awareness from Career Academy 2016
- SharePoint 2013 Core from Computer Tutors 2015
- SharePoint 2013 Master Pages from Computer Tutors 2015

**EXPERIENCE:**

Period	Organization	Position
1 Jun 2006 - Current	Clients: Florida Department Of Education, Tallahassee, FL (July 07 – till Now) Intel Corp, Santa Clara, CA (Sep 06 – July 07) E business Design Systems, San Jose , CA (Jun 2006 –Sep 06 )	BI Consultant
2 April 2001 – 19 Feb 2006	Informatics Group Singapore Pte Ltd , Singapore	Systems Analyst
15 May 2000 –30 Mar 2001	Value Software Technologies Ltd, <b>Chennai, India &amp; Singapore.</b> Clients: ICUS Singapore Pte Ltd, Singapore. Mauritius images	Systems Analyst
5 Oct 1998 – 30 Apr 2000	Indus Object Technologies Inc, Chennai, India.	Software Engineer

**PROFESSIONAL EXPERIENCE:****FL Division of Blind Services, Business Intelligence developer Consultant, (July 2007 – Present)**

**DataWarehouse Architecture :** Dashboard Application provides the District administrators and staff with the views of their current case loads, Case Summary, Case Distribution, Case Performance, Case Service Category, Employment Statistics and Client Demographics.

**Responsibilities:**

- Architect the OLAP Database Design, Star schema and the ETL data flow.
- Create Dimensions, Fact Tables, Data Source Views, Cube Structure, Role and Security Management.
- Create SSIS Packages to incrementally load the Dimensional data, Fact tables and process the cube partition.

**Windows Server 2016 And SQL Server 2016 Enterprise Migration:** Performed Application and Database migration to SQL Server 2016. Web Application server with IIS 10, Web Services, Windows Communication foundation and SSL certificates.

**Responsibilities:**

- Configure the Application server,
- Backup SQL server databases and Restore them in SQL Server 2016
- Create Master Key and Certificates to Encrypt Backup
- Configure for Transparent Data Encryption
- Create Maintenance jobs to Backup, compress database, Update statistics, Re-indexing, verify data integrity.
- Create Audit specifications to monitor the database and schema.

**RCM and Referral Application:** Referral application allows users to register for services online, and RCM Application allows the trainers to track the assessment and progress of their training and attendance.

**Responsibilities**

- Designed and created the Transactional Database schema with Entity relationships.
- Created Triggers to load the Audit logs.
- Created SSIS Packages to Sync the Aware Case Status and the RCM Case Status.
- Scheduled SQL agents to execute the stored procedures at the required intervals.

**Budget Tracking System:** Budget Analysis at Organizational level tracks the Allotments, Expenditures, Encumbrances and available balance of each district. The drill down report further categorizes the budget by Fund source, Expense Category and Object codes. The user is also allowed to drill through object codes to view the individual transactions, vouchers, transaction date and amount.

**Responsibilities:**

- Designed the Budget tracking system, gathered user requirements, created functional specifications.
- Designed and developed the SQL Server SSIS ETL packages to Load data from FLAIR data warehouse.
- Designed and developed the SQL Server Report Budget Analysis at Organizational Level, Drill down at Category level and Object Code Level.
- Designed and developed the Report Access control that allows the district admins to view only their budget.

**Annual Vocational Rehabilitation Program Cost Report (RSA-2):** RSA2 Federal report consists of five schedules and reports on expenditures for Admin; expenditures for service for disabled individuals; expenditures for groups of individuals; expenditures broken down by service category and individuals served VR Staff composition by person years; and contract expenditures.

**Responsibilities:**

- **RSA2 SQL Server SSIS ETL Package year 2009,2010,2011 and 2016:**
- Designed and developed the ETL package to extract data from AWARE and FLAIR to load the Schedule I Expenditures. Each line number consists of a data flow with extraction queries.
- **RSA2 SQL Server Reports:**
- Designed and developed the following RSA2 reports.
- 1).Schedule I Expenditures and Sub reports for each line number
- 2).Schedule II Expenditures and Sub reports for Aware contracts and Aware Authorizations.
- 3).Schedule III Person years and Sub reports for details
- 4). Schedule IV Carry over funds. 5) Totals by Grant and General Ledger 6) Totals by Grant number 7) Totals by Organization 8) Totals by General Ledger 9) Totals by Contract.
- **Decision Matrix Documentation:** Designed a Matrix spreadsheet to capture the specification parameters for each RSA2 line number that represents a type of expenditure. The parameters consist of a combination of Grant, ledger numbers, Category, Object codes and extraction strategies.

**Long Range Program Plan Performance Measures and Standards LRPP:** LRPP consists of 11 Measures such as Number / percentage **Gainful** employment, competitive employment, plans written, eligibility review, projected annual earnings of clients etc.

**Responsibilities:**

- Designed and developed SQL Server SSIS ETL package to extract data for each of the 11 measures from the AWARE case management system
- Designed and develop Reports to display the measures and validate their totals through drill down detail reports.

**Social Security Reimbursement Application – Password Security and Audit Logging Features:**

Implemented an automated audit trail system for the Existing Social security reimbursement application. The system was made capable of creating, storing, protecting & efficiently retrieving the audit records identifying the user, or the system process with date and Time Stamps & their actions performed on the data provided by Social Security Administration (SSA). The System was enhanced to have encrypted passwords, and comply with the password policy requirements set by SSA.

**Responsibilities:**

- Created Functional specifications and designed the proof of concept
- Designed and developed SQL Server reports to retrieve the audit records.
- Designed the Audit Trail database and its objects.
- Implemented the Audit logging features for the SVES Import / Export package

**Social Security Reimbursement Application – Enhancement:** Design, develop and implement modules for the SSRA applications as per changing requirements.

**Responsibilities:**

- Convert the application to Visual Studio 2015
- Designed the Ticket to work tab
- Designed an ETL process to Export and Import data between SSA and SSRA Application
- Application design & .NET Programming using C#
- Designed the Purchase order \ Invoice module and reports.
- Developed wage extraction module.
- Designed entities, business access logic and data access logic.

**AWARE Installation and Configuration:** Installed AWARE upgrades on test and production servers. The process includes configuring the IIS, installing the web applications, folder security permissions, SQL Server database backup / restores operation. Compiling and deploying the Xtend application. Configuring the links to the QPIS reporting services reports.

**AWARE Transformer Interface Programming, Installation and Configuration:** Aware transformer interface uses web services with XML templates to Import / Export financial data from AWARE to FLAIR system. The transactions supported by the interface are Encumbrances, Liquidation, Contract payments, Authorizations and Group Authorizations.

**Responsibilities:**

- Implemented the process to import warrant information from FLAIR.
- Designed and developed SQL Server ETL Packages to produce source files for the transformer.
- Update the XML templates as per FLAIR field position and length
- Redesign the Interface manager table objects to accommodate the vouchers and warrants.
- Developed load procedures to update the back logs

**Financial Package Extraction of TR1 Data from FLAIR. :** TR1 Data is retrieved from FLIAR daily on an incremental basis for the purpose of extracting the Warrant information for the AWARE Invoice payments and AWARE Authorizations.

**Responsibilities:**

- Designed the ETL Flow to extract incremental data from the DOE Budget management server
- Developed the SQL Server SSIS package

**Financial Package Extraction of TR2 Data from FLAIR:** TR2 Data is extracted from FLAIR on an incremental basis. The extracted Dataset is imported to the Data warehouse and is used for Budget tracking system, RSA2 Federal reporting system, Vouchers for Authorizations, Group Authorizations and Invoice payments made by the AWARE Case management system.

**Responsibilities:**

- Designed the ETL Flow to extract incremental data from the DOE Budget management server
- Developed the SQL Server SSIS package
- Manages Transactions, Vendor Invoices, Warrants, and Receipts, approvals / Cancellations.
- Manages Budget allocations, Fund Sources, tracks Expenditures & Encumbrances.
- Manages Cases, Transfers & Successful Closures.

**QPIS SQL Server Reporting Services & SharePoint Services platform:** QPIS consists of reports for Case management, Client Services State Office, RSA 2, Financial Management and utility reports.

**Responsibilities:**

Design and develop SQL Server reports as per specifications  
Create SQL Stored procedures, views and user defined functions  
Create web parts on Share point services and link the reports.

**Other SSIS ETL Packages Designed, Developed and Implemented:**

- Case management Data warehouse Package – OLAP Cubes
- Salary Rate Package – datasets from People First
- Service Cost Package – Actual services cost, Authorizations and CRP Contracts.
- Data warehouse Maintenance jobs

**Financial Management & Service Contracts Data warehouse, Performance Point Dashboards & Reports (2007-2009):**

The BI stack consists of Performance Point Dashboards, SQL Server reports in Share point environment, SQL Server Analysis, Reporting & Integration Services.

The Data Warehouse extracts data from financial, budget, contracts & personal management systems. And it consists of the following OLAP cube structures: 1) Expenditure & Encumbrances 2) Service Contracts 3) Salary Rate projection and 4) Case Management. The snapshots from the cubes are presented as performance point dashboards and reports.

**Responsibilities:****Performance Point Monitoring & Analytics:**

- Design dashboards, analytic reports, KPI's & Scorecards.
- Publish the dashboard to the SharePoint server.

**Design OLAP Cubes using SQL Server Analysis Services:**

- Prepared the logical data model using Visio 2007.
- Design & developed cubes using the unified dimension model.
- Prepare the Bus matrix, Identify the dimensions, attributes, hierarchies & Fact data and design using Star schema.
- Develop calculations using Multi Dimensional expressions (MDX).
- Design partitions, aggregations, perspectives & apply roles. Create calculated members, KPI's & URL Actions.

**ETL to load Data Warehouse using Microsoft SQL Server Integration Services:**

- Design ETL Packages to Load Data warehouse from OLTP databases, Develop SSIS packages with audit log & error handling to extract, transform and load data from Mainframe environment to SQL Server Data Warehouse.
- Design dimension loading, slowly changing dimensions and partition processing.
- Used Scripting and components like Derived columns, lookups, split transformation & SCD.
- Configure and Schedule ETL packages.

**SQL Server Reporting Services:**

- Developed reports like Budget allocation, Schedule of Allotment balances, Expenditure & Encumbrances trend analysis by categories, Salary Rate Projection, Return on Investment and Contract Costing.
- Used List, Group List, Cross Tab, and Drill down reports with Bar & line charts and published them to the share point server.

- Used MDX & Calculated Members to analyze the current trend & the past 5 Yr average for the State & Federal fiscal years.

**SQL Server Query tuning, Installation & Configuration:**

- Tune SQL Queries, generate plans, read statistics, Cost based optimization.
- Installing & Configuring Reporting Services, Integration Services, Analysis Services, Performance Point Planning & Monitoring Services in a distributed topology.
- **Databases:** Managing File Groups, Configure Back Up, Maintain Partitioned tables & Transaction log shipping.

**Financial Management Systems AWARE FLAIR Interface:**

**Responsibilities:**

- Application design & .NET Programming using C#
- Designed and constructed the Reconciliation module using ASP.Net, C#, ADO.NET
- Gather user requirements, business rules and logic.
- Develop Conceptual design, database design and logical flow.
- Generate technical specifications, mock up screen designs.
- Heavily involved in writing stored procedure, Dynamic SQL, Complex Queries using T-SQL.
- Created Tables, Synonyms, Relationships, Constraints, Stored Procedures, Views and Functions.
- Interacting with client for requirement gathering for the enhancements.
- Design User acceptance test plans and user manual documentation.

**Environment: Visual Studio 2010/ 2008, SQL Server 2008 / 2005, SQL Server 2005 Reporting Services, Analysis Services, Integration Services, SharePoint Server 2007, PerformancePoint Server 2007, Visual Source Safe 2005, ASP.NET 4.0 / 3.5. IIS 7.0.**

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**Intel Corp, Santa Clara CA, Business Intelligence developer Consultant, (Sept 2006 – June 2007)  
Demand Management & Revenue Forecasting Team:**

**Exception to Customer Authorized Price:** System manages the rebate plan for the customer, exceptions to rebate and customers pricing.

**Sample Demand Mgt System:** System manages the Demand analysis for the direct & indirect customers.

**Revenue Audit:** The System provides details of Billings, Returns, Rebates, Credits, and Debits & Forecasting.

**Geography Decision Support System:** Helps in decision making on Demand for the different product types in different geographies

**Responsibilities:**

**Oracle 9i to SQL Server 2005 Migration, Programming & Database Design:**

- Migrated the applications, Schemas, PL/SQL packages from Oracle to SQL Server 2005 using SQL Server Migration Assistant.
- Created Table schema with Constraints, Keys, Indexes and relationships.
- Created views, functions to generate XML output for applications & scheduled them on SQL scheduler.
- Created Stored Procedures, Functions, and Triggers & Prepared logical flow charts for procedures.
- Designed SQL Server Reports.
- Created SQL Batch jobs for applications to send workflow and batch emails.
- Used Quest comparison suite to synchronize schema changes in different environments.

**ETL for high volume Data Migration (SSIS Packages):**

- Designed SSIS Packages to migrate data from Oracle, Flat Files, and Teradata to SQL Server.
- SSIS Packages were developed for Parallel and serial execution with audit & error logging features using components like Lookups, Derived columns, Script Components and Sequences to load Staging and Fact tables.
- Prepared ETL Scripts for Data acquisition and Transformation.
- Created configuration files & command scripts to execute the packages on daily basis using Auto Sys.

**DATA Warehousing Environment Setup:**

- Created Procedures to Load Dimension Tables to support Hierarchies & Mappings



- SSIS Packages to load the Staging Tables and Procedures to Load Fact tables
- Fine tune the Procedures using execution plan and schedule them to refresh data.

**Environment: Visual Studio 2005, SQL Server 2005, SSIS, SQL Server Migration Assistant, SQL Reporting SSRS, SSAS, Oracle 9i, PL/SQL Developer, Quest Comparison Suite, ASP.NET 2.0, ADO.NET 2.0, C#, Visual Source Safe 2005.**

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**E-business Design Systems San Jose, CA, Business Intelligence developer Consultant, (July 2006 – Sept 2006)**

**Client: Princeton Review**

The Princeton Review (TPR) is a for-profit company that offers private instruction and tutoring for standardized achievement tests, in particular those offered by the Educational Testing Services (ETS), such as the SAT, GRE and GMAT They also offer courses for the LSAT and MCAT, as well as many other special programs. The Homeroom is a C#, .NET based application designed to provide assessment to students and review their performance using different educational standards for different districts.

**Responsibilities: SQL Server 2005 Reporting and Analysis Services**

- Designed Graphical SQL Server Reports with drill down features, bar charts, data points using SQL Server 2005 Reporting services.
- Created Stored Procedures, MDX queries and calculated members for reporting datasets.
- Enhanced the design of cubes, created dimensions, hierarchies & calculated measures.
- Created UI forms & integrated reports to the Web Application.

**Environment: Visual Studio 2005, SQL Server 2005, SQL Server 2005 Reporting Services, SQL Server 2005 Analysis Services, OLAP, Eclipse Custom Controls**

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**Informatics Group Singapore Pte Ltd, Singapore, Systems Analyst (Apr 2001 – Feb 2006)**

Informatics Holdings Ltd (IHL) is a multinational corporation listed on the Mainboard of the Stock Exchange of Singapore. Established in 1983, it is a leader in providing quality lifelong learning services in the fields of information technology and business management. Informatics currently has 300 branches worldwide and a global network spanning more than 50 countries. Executed following projects:

**Enterprise Web Based Management Information Systems Phase IV (Aug 2005 – Feb 2006)**

The Enterprise Management Information System and the Electronic E-Payment System linking to CITI Banks Payment gateway form the backbone of Informatics Groups daily operations in Singapore & other countries in the Asian region. Informatics Groups Management, Finance, Marketing & Operations departments heavily depend on this system to carry out their daily tasks. This System was developed using Microsoft .NET Technologies with a Multi tier architecture. The modules designed & developed in Phase IV were the following:

**Corporate Invoicing & Payment:** The Invoicing Module is used to service the corporate clients in the MIS system. It takes care of the accounts of the corporate customers, issues them with timely invoices and handles the subsequent invoice payments, Government Grant Claims, Rebates, Group discounts, packages and issues them an invoice receipt.

**Policy & Price Management:** This module helps to review, revise & control pricing, installments and policies by validating against the Rule engine and approving the revisions thereby significantly reducing the implementation time.

**Responsibilities:**

**Web Application modules using ASP.NET 2.0:**

- Interacted with functional team for functional specification validation and Use Case modeling for the system. Created Use Cases, Class Diagrams and Sequence Diagrams for the modules.
- Modeled business processes by automating transactions with Workflow.
- Developed the Policy Rule Engine Component. Designed and coded user interface and middle tier components using Object Oriented Programming (OOP) techniques in a multi-tier environment.
- Designed and constructed the application using ASP. Net, C#, ADO.NET
- Developed Web Forms, Assemblies, User Controls with Data Grid, User tags
- Used Microsoft Enterprise library for logging, caching, data and Exception handling.
- Created & Consumed web services, SOAP.

- Heavily involved in Designing Web Forms, User Controls, Sitemap, Custom Tags, Master
- Used Microsoft Application Blocks (SQL Helper Class) for executing the database calls.

**SQL Server 2000 Programming & Query Tuning:**

- Heavily involved in writing stored procedure, Dynamic SQL, Complex Queries using T-SQL.
- Created Stored Procedures with Cursors, transactions & dynamic SQL, Functions, Views & Triggers.
- Identified performance bottlenecks, analyzed and improved the performance, using indexing techniques with Index tuning wizard, SQL Trace.
- Created functional and technical artifacts relevant to implementation. Performed code review for code standards, SQL code injection vulnerabilities & SQA compliance.
- Conducted product training, POC demo for staff and made them productive in short span of time.
- Maintained SQL Server 2000 Fail over clustering services & Database Differential \ Full backups.

**Environment: C#, .NET Framework 2.0/1.1, ASP.NET, ADO.NET, JavaScript, Web Services, XML, XSL, Visual Studio.NET 2003, SQL Server 2000 (Clustered), Crystal Reports 9.0, Crystal Enterprise Server, Visual SourceSafe 6.0, Visio 2000, IIS 5.0, Windows 2000 Advanced Server.**

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**Data warehouse Setup, Database Migration and Consolidation  
(Jan 05-Jul 05)**

Database & Application migration was carried out at Informatics Group for its different overseas business units. The migration process involved detailed database study of the different versions of MIS systems such as VB version, Clarion Version, Cold Fusion Version. Migration Packages were developed using SQL Server2000 DTS and VBScript to convert, clean & standardize the data to the centralized database. Applications were developed to consolidate the clients' payment & audit histories.

The Data warehouse consist of the following OLAP Cubes: 1) Sales forecasting 2) Product Analysis 3) Student Services. Data is loaded from the MIS & CRM OLTP databases for all the business units.

**Responsibilities:**

**ETL for Data migration from heterogeneous databases, Consolidation & Cleanup:**

- Performed a System study and Database analysis of the existing Information system and prepared the Database migration plan.
- Developed numerous SQL Server DTS packages using VB Script to clean & migrate the data from access databases to SQL Server 2000.
- Improved Performance of reporting tables using Indexing techniques with Index tuning wizard.

**Data warehouse Setup:**

- Designed dimension & Fact tables for Data warehouse & Used Analysis Service, Star & Snow Flake schema model to design cubes for multi dimensional data model.
- Performed Replication, DB Shrinking, Transaction log shipping & SQL Server Backup / Recovery.
- Designed data model, flows and DTS packages to load data from production to Staging.
- Developed SQL Server DTS Packages with VB Script to load Fact data.
- Used Star schema model to design cubes for multi dimensional data model.
- Designed dimensions & procedures to load them systematically.

**Environment: DTS, SQL Server 2000, VB Script, SQL Server Analysis Service, Access 2000, Windows 2000 Advanced Server. NET Framework 2.0/1.1**

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**Enterprise Management Information Systems Phase III (Aging, Payment Analysis)  
(Jul 04 - Dec 04)**

The Payment analysis system provides the current trend of the settlements \ balance payments made by the Client based on their installment policies, The Overdue amounts are categorized based on their durations & settlement notices are dispatched accordingly. The system also gives the future projection of the receivables Based on client's credit history and also has the facility to read the users ID card and display their records on the in-campus kiosks.

**Responsibilities:**

**Application Design & Programming using .NET 2.0**

- Prepared Functional Requirements and Specifications interviewed the financial Domain experts and documented the business processes.
- Developed middle-tier components, Assemblies for Aging & Analysis Process using C#.
- Designed the UI, Created Web Forms, Integrated the kiosks Card reader functionality.

- Used SQL Server stored procedures and Crystal Reports to generate Excel and PDF reports
- Designed the following reports: a). Sales Commission Claim b). Product Revenue Analysis c). Invoices created / balance payment d). Payment analysis using Crystal Reports.
- Analyzed the resulting data to ensure conformance with the SQA.
- Enhanced the product by load testing and increased performance.

**Environment: C#, ASP.NET, ADO.NET, Web Services, XML, XSL, IIS 5.1, SQL Server 2000, Crystal Reports 9.0, Visual SourceSafe**

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**Customer Relationship Management System (Leads Tracker)  
(Jun 03 - Dec 03)**

The CRM system was implemented to serve the marketing & Operational team to log in customer enquiries, track new leads, organize campaigns, launch promotions, receive customers' feedback, complaints & facilitate customers. The CRM is integrated with the MIS system to keep track of the needs of the existing customers and maintain a database of the potential customers.

**Integration & Implementation of SMS gateway in the CRM system:  
(Apr 04 - Jun 04)**

The Objective of the project is to integrate the SMS gateway with the existing CRM system to provide the users the ability to send group SMS, receive replies from clients and respond accordingly based on the response parameters.

**Responsibilities:**

- Database design and UI Design for the leads tracker.
- Created a class library for Database access layer using ADO.NET.
- Developed numerous Win forms, Class libraries, Class Modules and User Controls.
- Integration, Testing, implementation with MIS Database.
- Enhanced the application's performance by load testing and fine tuned performance by Indexing.
- Provided training to the users.

**Environment: VB.NET, ADO.NET, ASP.NET, Oracle 9i, Crystal Enterprise Server, Crystal Reports 8.5, IIS 5.0.**

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**Database Migration from Clarion Database:  
2002, Dec 2003 - Mar 2004)**

(Mar 2002 – Apr

MIS databases existing in clarion database format was converted to SQL Server 2000. Detailed database study was carried out to compare and map the data fields between the different versions of databases

**Responsibilities:**

- Designed data model, flows and DTS packages to load data.
- Developed SQL Server DTS Packages with VB Script.
- Developed conversion modules to remap the data fields and clean them.

**Environment: VBScript, SQL Server 2000, DTS, Clarion, Novell Netware.**

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**Enterprise Management Information Systems Phase II (Revenue Recognition)  
(May 2002 - Jan 2003)**

The second phase of the MIS involves the following modules:

- Revenue Recognition policy creation & updating
- Deferral Reporting
- Product Revenue Analysis

The Objective of deferral module is to calculate the Revenue Recognized by each product every month based on the corporate revenue recognition policy; it also produces a projection of revenue for next 12 months & highlights the deferred amount & service liability owed by the Business Unit.

**Responsibilities:**

**SQL 2000 & .NET Programming:**

- Developed the deferral, Revenue, Sales reporting modules.

- Developed middle tier Components using C# to Process Deferment.
- Developed deferment & Revenue projection report using Crystal reports.
- Designed product revenue analysis module.
- Handled POC demo to the internal Audit team and Risk mgt before implementation.

**Environment: C#, ASP.NET, ADO.NET, Web Services, XML, XSL, Crystal Reports 9.0, SQL Server 2000 (Clustered), Crystal Enterprise Server, IIS 5.0, Visual SourceSafe**

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**VISA 3-D Merchant Server Plug-in Integration with Merchant's E-Payment System  
(Feb 03 - May 03)**

The Objective of the project is to provide issuers with an ability to authenticate cardholders during an online purchase, reducing the likelihood of fraudulent usage of Visa / Master cards and improving transaction performance, benefiting all participants. Key component of 3 D protocol is MPI Merchant Server plug in that interacts with the merchant's web storefront & authenticates itself to the central directory (VISA/MASTER) to validate the signature contained in the final 3-D secure transaction. The merchant's web storefront passes the parameters to the Citibank Payment server according to the MPI Response -algorithm.

**Responsibilities:**

- Initial study, design, implementation and documentation.
- Designed the Payment module based on the guidelines provided by CITI Bank.
- Coordinated with CITI Bank team to conduct production tests.
- Conducted the different Test Case Scenarios & verified the results with CITI Bank.

**Environment: C#, ASP.NET, SQL Server 2000 (Clustered) Crystal Enterprise Server, IIS 5.0, SSL, and VeriSign Server Cert.**

**Migration of E-Payment System from CITI Bank's SET payment gateway to SSL payment gateway  
(Mar 2002 - May 2002)**

The Objective of the project is to migrate the merchant's web storefront from Citibank's SET payment gateway to SSL payment Gateway following Visa's decision to phase out its SET Electronic Certificate Service by September 2002. This switch to SSL brings with it immediate apparent benefits to the Merchant. Namely, there is no longer a need to purchase or renew SET merchant certificates to conduct electronic credit card transactions and will also enable faster transmission of electronic transactions.

**Environment: SQL Server 2000, Cold fusion 5.0, Crystal Reports 8.5, Crystal Enterprise Server, IIS 5.0.**

**Electronic Merchant web storefront using CITI Bank's payment gateway  
(Oct 2001 -Feb 2002)**

The Electronic Payment Portal facilitates the client to make payment online using VISA / MASTER cards in a secure environment using Secure Sockets Layer. The client receives an acknowledgement & E-Receipt to his email Id once the payment has gone through successfully. The client also has the privilege to view & print his past payment summary and update his personal profile. The system also has an extra security feature that helps to validate the card against a central Visa \ Master server before transacting the payment.

**Responsibilities: Integration with Payment Gateway**

- Developed Assemblies to Execute the Transaction Component.
- Developed the Transaction \ Authentication flow based on CITI Banks specification to interact with Visa/Master authentication server and CITI Banks Payment server.

**Environment: SQL Server 2000, Cold fusion 5.0, Crystal Reports 8.5, Crystal Enterprise Server, IIS 5.0.**

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**Web based Management Information Systems Phase I for Asian Region  
(Apr 2001 - Oct 2001)**

The Management Information System is a versatile, web-based, Cross-platform system customized for Informatics. It is a comprehensive workflow management system that seamlessly integrates and manages all the institutes' key functional work processes such as student online enrollment, admission process, student demographics, attendance, scheduling, examination & grades, reporting and accounting. This system can be accessed through the web and saves Informatics tremendous amount of time and money because the data entered into the system is made available to all the other Modules, eliminating repetitive data entries.

This system has the following functional modules: 1) Customer management module 2) Admission module 3) Customer profiling module 4) Payment module 5) Attendance module 6) Examination module 7) Library module 8) Course evaluation module 9) Course management 10) Facility Management module. The BackOffice maintenance is done using client server interfaces.

**Responsibilities:**

- Prepared Functional Requirements and Specifications. Documented business processes from domain experts.
- Database Design review, Normalization, Creating relationships and planning Index's.
- Developed stored procedures, Views, Triggers, Complex SQL queries and Dynamic SQL.
- Developed modules such a Payment, Enrolment, Sales Commission, And Invoicing using C#.
- Unit testing, Integration & enhancement of application.
- Prepared Test Case Scenarios, Responsible for conducting User Acceptance test and sign off.

**Environment: ASP.NET, ADO.NET, JavaScript, CSS, SQL Server 2000 (Clustered), Crystal Enterprise server, IIS 5.0**

**Enhancement / Operational Support of Management Information Systems (Cold Fusion Version)**

**(Apr 2001 - Oct 2002)**

This MIS system was catering to the needs of certain business units in Singapore with the functionalities. To register customers, generate receipts, Invoices, Financial reporting like deferment, aging, payment analysis, End of Day & Monthly collection and Facilities management.

**Responsibilities:**

- Designed, Developed Cold Fusion Templates, Custom Tags and Configured the Cold Fusion Application Server.
- Provided Customization based on user Requests.
- Provided Operational Support, Implementation and Enhancements.

**Environment: Cold fusion 5.0, JavaScript, Crystal Reports 8.5, SQL Server 2000, IIS 5.0, Windows 2000 Server, Cold Fusion Application Server.**

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**Value Software Tech Ltd. India & Singapore , Systems Analyst (May 2000 – Mar 2001)**

**Mauritius Images, Germany (Offshore Development Chennai)**

**Jan 2001 – Mar 2001**

**Design & Maintenance of the High Resolution Photographic Web Site ([www.mauritius-images.com](http://www.mauritius-images.com))**

Designed, Enhanced and documented this multi-language (German & English) High-resolution photographic web site.

**Responsibilities:**

- Performed Design Review and Documentation.
- Provided Offshore Operational Support for the Client in Germany.
- Provided Customization based on Client requests

**Environment: PHP, HTML, DHTML, JavaScript, Windows NT**

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**ICUS Pte Ltd, JurongEast, Singapore, Senior Programmer Analyst Consultant, (Sep 2000 – Jan 2001)**

ICUS Pte. Ltd. is an e-Learning consultancy that specializes in corporate learning solutions. The company offers integrated, end-to-end solutions in project management, instructional design, pedagogy, coaching, information technology, and change management.

**Quiz Engine & Content Builder for the e-Learning Portal**

The objective of the system is to conduct online courses and tests. It consists of two major modules, the administration and user Interface module. The administrator is allowed to build the quiz by choosing the various types of questions from the bank. The user then takes the test online and the results are published by the system.

**Content Builder for the Knowledge Based Portal ICUS.NET**

This module helps the consultant to publish courses periodically to the E-Learning portal. The content builder allows the consultant to choose module's, topics & units using a friendly interface and compile the

Courses. It then generates the ASP pages based on the user selection by adding the HTML code, links, Images etc and publishes the Content to the portal on the scheduled date

**Responsibilities:**

- Designed, Developed, Unit Tested and Implemented the module at the Client Site in Singapore.
- Provided Enhancement & Customization based on clients request.
- Integrated the Module to the E-Learning System.
- Prepared Documentation and User Manual.
- Provided Training to the Consultants.
- Responsible for UAT and Sign Off.

**Environment: ASP, ADO, Java Script, Crystal Reports 7, Oracle 8, Crystal Enterprise Server, IIS 4.0.  
On Windows Platform**

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**CFC Securities, Switzerland (Offshore Development Chennai)  
2000 – Aug 2000**

**May**

**Back Office Support for Trading Portal**

This System provides significant Back Office support to CFC securities to carry out their daily operations. It helps the client to perform different analysis of the collected data with numerous statistical reports. It also helps the Client to create different models of portfolio based on certain rules and policies.

**Responsibilities:**

- Design, Development and Testing.
- Designed reports using Crystal Reports.
- Prepared Documentation and User Manuals.

**Environment: Visual Basic 6.0, Cold fusion 4.0, Crystal Reports 7, Oracle 8, Windows NT, IIS 4.0**

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**Indus Object Technologies Inc, India, Software Engineer (Oct 1998 – Apr 2000)**

**Business Accounting System Customized For BHR**

**Dec 1999 - Apr 2000**

The system involves in maintaining General / Sub Ledger Accounts. (Account categories include Asset, Liability, and Expenses & Income). (Receipt & Payments) from customer, suppliers & others.

**Environment: Visual Basic 6.0, Crystal Reports 7.0, Far Point Spread Control, SQL Server 7.0, Windows NT**

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**Hospital Billing & Administration System, Shifa Hospital, India**

**Oct 1998 - Nov 1999**

The Hospital Management System has automated the process of Registration, Billing/Invoicing, Scheduling Appointments, Room allocation and profiling the patients' case history.

**Responsibilities:**

- Designing Win forms, Class Modules, Creating Active X controls & Active X DLL's and reports.

**Environment: Visual Basic 6.0, Crystal Reports 7.0, SQL Server 7 on Windows NT**

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