Sanjeev Manna

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**Profile:**

Data Modeling (Dimensional & 3NF/Relational/OLTP), Data Warehouse (DWH) Architect (ETL & Reporting) (OBIEE, MSBI (SSAS/SSIS/SSRS 2012 & 2008 R2), OFSAA FSDF Data Model Consultant, OLAP-SSAS, ETL-SSIS, Informatica, Reporting – SSRS/OBIEE, SQL Server 2016, 2012 & 2008 R2 T- SQL, ORACLE 11g/8/8i/9i PL/SQL

**Professional SUMMARY**

* A hardworking, passionate and results-driven **DWH - Architect (ETL & BI Reporting)** with **17+ years** of software industry experience with domain expertise across Insurance*,* OFSAA EPM (ALM, PFT, FTP, PM Etc.), Banking, Financial*,* Healthcare, Publishing, Travel, ERP-MMS with extensive business insight, consultative and analytic skills.
* **Acquired a position of SME currently on MSBI** (SSAS/SSIS) **at MetLife** in USA for GRR Cube and enhancement from legacy Cognos and New LSM (aka LRM) OLAP Data Mart on SSAS along with SSIS for ETL & SSRS for BI Reporting.
* Expertise gained over extensive hands-on experience across technical areas including

creating various transformation rules to validate Extracted Data, Data Integration strategies, Data Cleansing, Data Quality Check. Best Practices Coding standards for ETL with SSIS & Informatica.

* Tracking dimensional data changes by slowly changing dimensions types 1, 2 and 3. In ETL with SSIS & Informatica. E2E SSIS ETL solution design & development with handling of file with dynamic named columns, SFTP set up, writing complex SQL procedure for the SSIS ETL for loading to SQL Server Data Warehouse from the file with dynamic column.
* Expertise in working on all activities related to the development, implementation, administration and support of **ETL** processes for **large-scale Data Warehouses** with validations, Strong error handling, Data Flow Design, Auditing, SSAS Cube refresh, Handling of excel data files with dynamic named columns with Windows PowerShell Scripts, .Net(C# & VB.Net) scripting language and logging using SSIS. using Data Transformation Services (DTS) and SSIS with MS SQL
* Extensive experience gained on developing end to end OLAP Application on **SQL Server Analysis Services, SSAS** with Dimensions, Cubes, Aggregations, **KPIs, partitions,** Actions to invoke SSRS reports URLs through MDX expressions, Drill through, Partitions, Roles, multi-dimensional expressions **(MDX) queries** for calculated members, SSRS Reports for
	+ MetLife GRR Cube improvement and migration (8 Cubes & 41 dim)
	+ MetLife LSM Data Mart (2 Cubes & 23 dimensions)
	+ Deutsche Bank i-On Reporting (6 Cubes & 43 dimensions)
	+ Deutsche Bank Data Core (3 Cubes & 21 dimensions)
	+ UBS Fund Service & Pearson Publishing LLC
	+ DataMart for RMDM (1 Cube & 8 dimensions).
* Experience in Providing the SSAS **cube level security** (Data level, Column level, dimension hierarchy )  using MDX Expressions.
* Developed and implemented data visualization on DSP Web parts with Drill Down, Drill through SSAS OLAP data for Deutsche Bank i-On Reporting, Data Core.
* Expert in creating several types of **complex reports using SSRS** (SQL server reporting services) from OLAP with and OLTP such as Graph, Linked, Dashboard, Scorecards**, Drill-Down**, Drill-through, **Parameterized**, **Cascading**, **Conditional**, Tabular, **Matrix**, **Ad-hoc**, **Sub-Reports**, and **Charts for**
	+ - Metlife Inc
		- Deutsche Bank i-On Reporting
		- Deutsche Bank Data Core
		- UBS Fund Service
* Extensive technical and analytical skills with hands on experience with **Multidimensional Data Modeling** with Logical, Physical Data Model (LDM & PDM) using Erwin and Oracle SQL Developer Data Modeler along with Relational ER modeling and designing DWH Architecture for
	+ Metlife - US Global Reserve Repository (GRR) and Liquidity Stress Modeling (LSM aka LRM)
	+ Deutsche Bank - Data Core and i-On Data Warehouse
	+ CITI Bank - TMM, UBS - Fund Service, RMDM Data Mart for State Street.
	+ OFSAA Custom BI PFT Module.
* Designing Architecture for EDW (enterprise data warehouse) using Bill Immon’s and Kimball methods.
* Performance tuning, Query Optimization and Indexing of database using SQL Profiler and Query Analyzer.
* Tuning ETL procedures and STAR schemas to optimize load and query Performance.
* Implemented Automated Excel Spread sheet Power Pivot Refresh for SSAS Cubes & Dimensions with good experience on Excel Pivot, Power view for slicing and dicing the data.
* Gained extensive experience of inside **OFSAA** **EPM (ALM, FTP, PFT, LRM) as an ETL and Custom BI Reporting Solution Architect** with Surrounding ETL/ELT and Custom BI Report development apart from Out-Of-Box OFSAA reports along with
* OFSAA OFSDF Data Model, Batch Runs, Excel Upload, SCD, T2T, T2F, Batch, PLT, DQ
* Technical Design for ETL/ELT and BI Reporting
* Dimensional modeling for Custom BI Data Mart for OFSAA PFT
* Building Custom BI Reports using OBIEE including dashboard
* DQ Check Framework and data Cleansing for ELT/ETL
* Best practices standards
* Automation framework
* Building ETL solutions on Informatica with workflow, data flow diagram, data flow transformation plans and techniques
* Strong working knowledge of Excel, PowerPoint, Visio, SharePoint Designer, ER/Studio
* Highly experienced on database programming with writing stored procedure, triggers, indexes, synonyms, sequences, views, functions. Subprograms, packages, designing schemas, maintain security
	+ on SQL Server T-SQL 2008/2014
	+ on PL/SQL on Oracle 9i/10g/11g
* Experience in schema structure design and involved in estimation and optimization of data storage.
* Extracted data from different sources including SQL Server, Oracle, Excel, Flat Files and XML Files.
* Profound experience in Data Loading from Flat files to SQL Server using SSIS and External Table.
* Hand on experience using SQL Server 2016 new features PolyBase, Data Masking, Row Level Security, Native JSON Support and Stretch Database.
* Excellent conceptual and working knowledge of Oracle, SQL, SQL Server, C, C++, C#, VB.Net. (Oracle 10g, SQL Server 2008 R2/2012/2016)
* Used recently introduced Power BI to create self-service BI capabilities and use tabular models.
* Getting responsible for building reports in Power BI from the Scratch and publishing on dashboards in Power BI server and Power BI reports .
* Getting responsible for creating and changing the visualizations in Power BI reports and Dashboards on client requests.
* Proficient to write calculated Columns and Measures in Power BI and Excel depending on the requirement using DAX queries.

**Leadership experience**

* Technical lead of the development team, mentoring development, performing Design reviews, Code reviews, support teams and work as individual contributor.
* Experienced in handling large projects spread across multiple geographic locations and providing leadership to successfully work in a team environment and communicates effectively across a variety of stakeholder groups.
* Ability to identify opportunities and transform them into quantifiable and achievable initiatives
* Proven ability to create and document business requirements, business processes, and project plans to support strategic and/or tactical projects
* Dynamic and self-starting individual who can work independently or as part of a team with minimal guidance and direction.
* Continuously update new skills to keep abreast of industry trends and state of the art technology.
* Effectively prioritize and assign work in order to meet deadline and demonstrate excellent written, verbal, and presentation skills.

**Current Location : New York City – Jersey City, NY-NJ, USA**

Total Experience : 17.10 years in IT Industry.

**Educational Qualification:** **MCA (Master’s in Computer Applications)**,

**G-level** (Post Master’s certification on S/W Tech & CS from Govt of India),

**A-level** (Post Grad Adv. Diploma on Computer Application from Govt of India),

**Bachelor of Science, BSc (Physics)**

ONSITE EXPERIENCE - TOTAL EXP: 6.0 years in USA and 06 months in UK

* **Overseas : ( In USA)**
1. Metlife Inc, 200 Park Avenue, New York City, NY – Currently 1.11 Years. (on H1b since Feb 2019 till the date).
2. Pearson Technologies: 2.6 years in USA for Implementation, Requirement Collection, System Analysis & Design & Co-ordination between Client & Offshore Team.
3. Wolters Kluwer: 1.2 years in USA for System Analysis & Design, Development, Implementation etc.
* **Overseas (In UK)**
1. Deutsche Bank GTO: 0.6 years in UK for Requirement Analysis, Data Warehouse Architecting, Data Modelling, System Analysis & Design & Co-ordination between Client & Offshore Team
* **Domestic :**

National Hydroelectric Power Corp.(NHPC), at Dalhousie(HP)( 7 mths ), Tanakpur(UA)( 8 mths), Meghalaya State Electricity Board (MeSEB), Shilong,

Summary:

|  |  |  |
| --- | --- | --- |
| **IT experience** | Years in Oracle | Abroad Onsite Experience (included within total exp.) |
| 17:08 Years | 12.00 years | 06.06 years in US, 00.06 years in UK |

### Current Assignment (in USA)



Technical Proficiency:

|  |  |  |
| --- | --- | --- |
| **Category** | **Tools** | **Experience** |
| **Data Modeling tools** | * **Oracle SQL Developer Data Modeler**
* **Erwin**
 | **7.07 years** |
| **DWH Architecture Design** | Building Architecture of Data Warehouse Solution | **4 years** |
| **DWH - OLAP** | MS BI SSAS 2017,2008 R2 on SQL Server 2012,2008 R2. | **11.08** years |
| **BI Reporting & Reporting Tools**  | **MS BI SSRS on SQL Server 2015/2012,** IBM Cognos 8.0/8.4**, OBIEE,** Crystal Reports.  | **05.08** years |
| **ETL**  | **MS BI SSIS 2017, 2008 R2** on **SQL Server, Informatica 9.6** | **07.09** years |
| **DWH/ Databases** | **SQL 2016/2012/2005 T-SQL** (XML processing, Dynamic SQLs, Stored Procedures, Triggers, Performance Analysis and Tuning (Execution Plan, SQL Profiler, Index Tuning, Query Optimization, complex queries), DBA activities etc. | **09.08** years |
| **DWH/ Databases** | **Oracle 11g/9i/8i PL/SQL** (Stored procedures, triggers, packages, functions, Data Transfer with SQL Loader etc.), TOAD Tools | **06.08** years |
| **Database Tools/Utilities** | SQL\*Plus, TOAD, SQL Developer, SQL Navigator, Oracle Enterprise Manager, SQL\*Loader, import / Export utilities | 04.07 years |
| **Version Control** | Bitbucket, VSS 8.0, ClearCase 3.2 | 08 years |
| **Languages** | C, C++, **VB**, **SQL**, **PL/ SQL**, UNIX shell scripting, HTML, XML **VB Script, Java script**. | 05 years |
| **Middle ware** | **MS SharePoint 2010/3.0**, MS Commerce Server, **ASP 3.0, DSP Web part**. | 04 years |
| Data Analytics (through training) | Big Data, Sqoop, Hive, Qlik View Reporting. | trained |

Domain Knowledge:

* **OFSAA EPM (ALM, PFT, FTP, PM Etc.)** forAL Rajhi Bank (ARB), Saudi Arabia.
* **OFSAA AML** – proposed projects for Deutsche Bank UK, ABK (KYC, AML Flow Chart, FCCM, FATCA etc.)
* **OFSAA Surround Integration/Basel Report Analytics (SAMA Reports)**- proposed project for NCB, a Saudi Arabia Bank
* **Banking** – Deutsche Bank US/UK/GER, Union Bank of Switzerland (UBS) CN, State Street Boston US, Deutsche Bank US/UK/GER
* **Publishing** – Wolters Kluwer, Pearson Technology Inc.
* **Travel –** CO OP, UK
* **Insurance** – Metlife Inc, USA, MSIL India, Eagle Insurance Srilanka
* **ERP**-MMS – NHPC, MeSEB
* **Financial**- Mutual Fund, Fixed Deposit Portfolio for BSDL, Kotak Securities etc.

**PROFESSIONAL EXPERIENCE**

**Current Employer : Oracle Financial Services Software Ltd/Inc (Oracle/OFSS)**

**MetLife, USA Feb 2019 to till date**

**Data Warehouse & ETL Architect and Lead Developer**

**Liquidity Stress Management (LRM) & US Global Reserve Repository (GRR) Improvement from Cognos to MSBI SSAS**

Project Description: LSM is a Liquidity Risk Management Reporting Data Mart in Metlife Inc accumulating data from 8 multiple source systems, 2 cubes on SSAS with web-based Business Intelligence solution for generating and analyzing Financial and Management Reports on SSRS. It provides tools for data integration and includes customizable, pre-built reports, a reporting data model, and user friendly functional subject areas for ad-hoc reporting.

8 GRR Cubes are on SSAS for Global Reserve Repository of complete end-to-end web-based Business Intelligence solution for different exhibits of analyzing Financial and Management Reports. It provides online automated Excel Pivot Reports for business users of GRR.

**Responsibilities:**

* Covered requirement analysis executed the multidimensional logical and physical Data Modeling of the LSM Reporting Data Mart & GRR EDW for the development on MSBI Stack with SSAS, SSIS & SSRS.
* Designed the ETL architecture of multiple SSIS packages for different new SSAS Cube related activities for Incremental processing, full processing, index processing etc.
* Built high level SSIS solution with advanced feature of Environment variables for automated process of SSAS cube building for legacy system with SSIS.
* Built the automated feature of SSAS Cube refresh in Excel for Analytical Pivot Table reporting for GRR.
* Designed, developed and streamlined File Transformation process to LSM with dynamic columns from Kyriba Upstream Application for maintaining Cash in Bank process in LSM (a.k.a. LRM). SFTP set up of file transfer and building complex SQL procedure for the ETL packages in SSIS to load the data mart on SQL Server from the file with dynamic column names using complex PowerShell Script, complex C# .Net script task,
* Implemented Automatic refresh Power Pivot in Excel for new SSAS cubes refresh.
* Written and used IBM Tivoli Workload Scheduler (aka Maestro) for automated job scheduling for Dev/Int/UAT.
* Designed and developed **SSRS** (SQL server reporting services) reports from OLAP and OLTP such as Graph, Linked, Dashboard, Scorecards**, Drill-Down**, Drill-through, **Parameterized**, **Cascading**, **Conditional**, Tabular, **Matrix**, **Ad-hoc**, **Sub-Reports**, and **Charts.**
* Mentoring junior team members.
* Coordination between Project Management and offshore team.

**AL Rajhi Bank, Riyadh, Saudi Arabia Sep 2015 to Jan 2019**

**Data Warehouse BI Reporting & ETL Architect and Lead Developer**

**OFSAA EPM & LRM Surround ETL & Basel Reports Analytical Solution (ETL - Informatica, DWH on Oracle 11g, BI Reporting on OBIEE**

**)**

Project Description**:** OFSAA EPM is a complete end-to-end web-based Business Intelligence solution for generating and analyzing Financial and Management Reports. It provides tools for data integration and includes customizable, pre-built dashboards and reports, a reporting data model, and user friendly functional subject areas for ad-hoc reporting.

**Responsibilities:**

* Analyzed Data & Mapped between Source system data and OFSAA Staging Area as target.
* Developed the ETL architecture of the surrounding integration environment to provide the data to the OFSAA Engine through OFSAA Staging Area.
* Designed and developed the architecture of the Automation process of ETL Batch Executions through configuration of dependency, parallelism between the workflows.
* Carried out Performance Tuning & Monitoring of ETL Workflows.
* Resolved data extraction and loading issue by troubleshooting.
* Installed and configured OFSAA OFSDF Data Model for EPM Module (LRM, ALM, FTP, PFT)
* Configured Batch Runs SCD, T2T, T2F, Batch, PLT, DQ for Dimension loading, Hierarchy loads, Fact Loads.
* Designed the process for Excel Upload for GL reconciliation, Balance adjustment.
* Created Multidimensional Data Model for PFT Custom BI Data Mart in OFSAA engine.
* Designed the Custom BI Reporting Architecture on OBIEE for the Custom BI Reports on OBIEE apart from Out-Of-Box OFSAA Reports.
* Developed Custom BI Reports using OBIEE including dashboards.
* Led the development team for Custom OBIEE BI Reporting and ETL on Informatic.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues.
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

**Deutsche Bank – London, UK Jan 2014 to Dec 2014**

**Data Warehouse Architect and Tech Lead [L4/L3-Tech/CA]**

**dbDataCore Data Warehouse on MSBI (OLAP - SSAS, ETL - SSIS, Reporting -SSRS, BI - Cognos, SQL Server 2012, SQL Server Web Agent)**

Project Description**:** A Complete Data Warehouse Solution which display the Plan, Forecast & Actual data in the form of Table, different types of charts through SharePoint web sites MS Excel Pivot tables, SSRS Reports from the OLAP database with SQL Server 2012, ETL- SSIS 2012, DWH-OLAP-SSAS 2012, SSRS, Share point Server.

**Responsibilities:**

* Did the Multidimensional Data Modeling for dbDataCore Data Warehouse with 5 Cubes
* Analyzed the Data and designed the Architecture of the Data Warehouse Solution
* Designed the ETL Architecture, Dataflows, Control flows for SSIS ETL..
* Designed the OLAP warehouse with 14 Dimensions & 5 Cubes.
* Lead the Development Team for ETL, OLAP
* Built BI Reports on Cognos.
* Conducted daily basis communication, status calls with clients, team for requirement gathering, support and maintenance with the CA/L4-L3 Tech team, new issues encountered and the resolutions.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues.
* Carried out the monitoring of ETL loading Tasks Execution and Performance.
* Executed of Daily Database Maintenance Tasks
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

**Union Bank of Switzerland (UBS), Toronto, Canada Jan 2013 to Dec 2013**

**Data Warehouse Architect and Project Lead [L4/L3-Tech/CA]**

**Fund Services on MSBI (OLAP - SSAS, ETL - SSIS, Reporting -SSRS, SQL Server 2008 R2, SharePoint, SQL Server Agent )**

Project Description**:** A SharePoint based Data Warehouse Solution which displays the different fund allocations from different location source in the form of Table, different types of charts through SharePoint web site, SSRS Reports from the Data Warehouse/OLAP Analytical database on SQL Server 2008 R2/SSAS using Share point 2010 Server..

**Responsibilities:**

* Finished the Multidimensional Data Modeling for Fund ServicesData Warehouse.
* Analyzed the Data and designed the Architecture of the Data Warehouse Solution
* Designed the ETL Architecture, Dataflows, Control flows for SSIS ETL.
* Designed the OLAP warehouse.
* Created the technical design document for ETL and Star Schema Data Warehouse
* Lead the Development Team for ETL, OLAP
* Executed the project on Agile, conducted daily basis communication, status calls with clients, team for requirement gathering, support and maintenance with the CA/L4-L3 Tech team, new issues encountered and the resolutions.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues.
* Carried out the monitoring of ETL loading Tasks Execution and Performance.
* Executed of Daily Database Maintenance Tasks
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

**State Street Bank [Boston, USA] Aug 2011 to Dec 2012**

**Lead Developer [L4/L3-Tech/CA]**

**Risk Management Data Mart (RMDM) on Oracle 11g, Cognos, Unix, Autosys Jobs**

Project Description**:** **:** A specific Data Mart for VaR data analysis in terms of Risk for various aspects of business of the investment Bank. OLAP building and reporting is under development on Cognos.

**Responsibilities:**

* Built the Data Mart / specific Data Warehouse on Oracle 11g database, support and maintenance.
* Worked on troubleshooting database related problems and resolved.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues.
* Monitored of Data Loading Tasks Execution and Performance developed on Oracle PL/SQL
* Execution of Daily Database Maintenance Tasks
* Had Weekly status calls with the CA/L4-L3 Tech team, updating on the new issues encountered, and how those new issues were addressed.
* Lead and carried out the responsibility of mentoring the Team and worked fully with hands on development activities along the team members.
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

**Deutsche Bank [UK/USA/GER] Jul 2008 to Jun 2011**

**Lead Developer and Tech Lead [L2/L3-Tech/CA]**

**DB Franklin i-On on MSBI Suit (SSAS, SSRS, SSIS/DTS), SQL Server 2005, Oracle 9i, SharePoint 3.0, DSP Web Part**

Project Description**:** A MIS Reporting services which display the TCO Plan, Forecast & Actual data in the form of Table, different types of charts through SharePoint web sites & DSP Web Parts & SSRS Reports from the OLAP database with SQL Server 2005, Oracle 9i, ETL-SSIS/DTS, DWH-OLAP-SSAS/MSAS, SSRS, Share point Server, DSP etc.

**Responsibilities:**

* Worked on Multidimensional Data Modeling, Building the DWH, ETL and OLAP design
* Conducted requirement gathering calls with clients on daily basis, issue escalations etc.
* Developed and built OLAP Dimension & Cube SSAS 2005 of 43 dimensions and 6 cubes.
* Worked on Oracle PLA/SQL database development and support, maintenance.
* Troubleshooted database related problems and resolved.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues.
* Was monitoring of Database Task Execution and Performance.
* Executed of Daily Database Maintenance Tasks
* Had weekly update calls with the CA/L2 Tech team, client on updating on the new issues encountered, and how those new issues were need to be addressed.
* Lead the Team.
* Need to anticipate and address/alert any issues before it gets escalated by the client.
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

***For Company 2: HCL Technology Limited.***

**Wolters Kluwer Jun-2007- Jul-2008**

**New York, USA**

**ETL Team Lead**

**Project-1:** Wolters Kluwer-CCH LIS – MIS Reporting Application (Apr-2008 to Jul 2008)

**Description:** A MIS Reporting tool migrating from COGNOS to BO using MS BI platform with SQL Server 2005/2000, Oracle 9i, ETL-SSIS/DTS, DWH-OLAP-SSAS/MSAS, BO-Crystal Report.

**Responsibilities:**

* Developed and built SQL 2005 T-SQL and OLAP database and supported later.
* Resolved issue through troubleshooting.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues Monitoring of Database Task Execution and Performance.
* Executed Daily Database Maintenance Tasks
* To have a Weekly update meeting with the CA/L2 Tech team, updating on the new issues encountered, and how those new issues need to be addressed.
* Leading the Development Team.
* Anticipated, addressed, and alerted the issues before it gets escalated by the client.

**Technology:** SQL Server 2005, SSAS, SSIS

**Project-2:** Wolters Kluwer- EIP Scion, Intaap (June 2007 to Mar-2008)

**Description:** A Java based portal with Data Warehousing application. It’s on publishing domain mainly dealing with publications of Document related to Profession of Law. It’s document management portal.

**Responsibilities:**

* Developed SQL2000/2005 T-SQLs and worked on support and maintenance.
* Troubleshooted database issues and resolved.
* Was responsible for monitoring Database Task Execution and Performance.
* Executed Daily Database Maintenance Tasks
* Had weekly update meeting with the CA/L2 Tech team, updating on the new issues encountered, and how those new issues need to be addressed.
* Lead and mentored the development Team.
* Anticipated, addressed, and alerted the issues before it gets escalated by the client.

**Technology:** SQL Server 2005, SSAS, SSIS

**Pearson Technologies Mar-2006 to May-2007**

**Boston MA**

**ETL Team Lead**

**Project**: Pearson-PCS-Darwin Team Leader

**Description:** A windows Application with Data Warehouse Application in medium scale. It’s on Publishing domain with popular names Prentice Hall Publication, Willey Publication etc. Tools used are BizTalk Server, Commerce Server, Content Management Server, MS SQL Server 2k, MS Analysis Services (OLAP), ETL-DTS, Crystal Report, Biz Desk etc., ASP etc.

**Responsibilities**

* Developed SQL2000/2005 T-SQLs and worked on Data Warehouse and provided support and maintenance.
* Troubleshooted database issues and resolved.
* Attended daily meeting with the CA/L2 Tech team, updating on the new issues encountered, and how those new issues need to be addressed.
* Lead the Development Team.
* Anticipated, addressed and alerted the issues before it gets escalated by the client.

**Technology:** SQL Server 2000, MS Analysis Services, DTS

**CO OP, UK Apr-2005 to Mar-2006**

**Senior Software Developer**

**Project**: Travel Care

**Description:** A Portal with BizTalk Server, Commerce Server, Content Management Server taking care of all kind of activities related with travel.

**Responsibilities**

* SQL2000/DWH database development and maintenance.
* Troubleshooted database programming issues and resolved.
* Worked flexibly under the crucial tight environment with developer teams, vendors and other parties responsible for resolution of issues Monitoring of Database Task Execution and Performance.
* Developed ETL task, data flows, control flows on DTS and was responsible for Execution and Performance review.
* Executed of Daily Database Maintenance Tasks
* Attended weekly status calls with the CA/L2 Tech team, updating on the new issues encountered, and how those new issues need to be addressed.
* Lead the Development Team.

**Technology**: SQL Server 2000, MS Analysis Services, DTS, Commerce Server, BizTalk Server

**BEST, USA Nov-2004 to Apr-2005**

**Role:** Database Lead Developer

**Project:** ABRA-EAF (Enhanced Automation Framework)

**Description:** Automated Testing Tool of a Human Resource Management Software.

**Responsibilities**

* Worked on SQL2000 database T-SQL development with stored proc, triggers, views, functions.
* Worked on Performance tuning.
* Attended weekly update meeting with the CA/L2 Tech team, updating on the new issues encountered, and how those new issues need to be addressed.
* Worked as Team Leader of the Development Team.

**Technology**: SQL Server 2000, VB 6.0, QTP, ASP.net, C#.net

***For Company 3: Track 4 Infotech, Kolkata.***

**Client:** **MSIL, India** **Aug-2004 to Nov-2004**

**Role:** **Module Leader**

**Project-1** Auto Insurance

**Description:** This is a project in Insurance sector for Motorized Vehicles project handles the operation of an insurance sector like Insurance Lodging, Claiming, Claim Process, etc.

**Project-2**: HMS

**Description:** This Medical Insurance/Healthcare project handles the operation of an insurance sector like Insurance Lodging, Claiming, Claim Process, Health Care, Telemedicine, Online Medical Help, and Online Hospitalization etc.

**Technology:** SQL Server 2000, ASP.net, C#.net

***For Company 4: AMI Industries(Business Associate of TCS).***

**Client: NHPC, MeSEB, India Apr-2003 to Aug-2004**

**Role: Sr Programmer/Team Leader**

**Project:** EN’RGISE

**Description:** EN’RGISE is an automated ERP Solution consisting of modules like Inventory Management, Purchase Management, Inventory Accounting Management, System Administration and Operation n Maintenance Management of Hydroelectric Power Plants.

**Technology:** VB 6.0, VB.Net, Oracle 9i/8i/8(with SQL Loader), Crystal Report.

**Responsibilities:**

* Had regular calls, meetings with clients, end users for requirement collection
* System Analysis & Design, creating ERD & DFD.
* Development of Oracle database and support.
* Troubleshooting database related problems.
* Flexibility to work under any environment, interacting with developer teams, vendors and other parties responsible for resolution of issues.
* Implementing Database Privileges to Users.
* Monitoring of Database Task Execution and Performance.
* Execution of Daily Database Maintenance Tasks
* Had regular status calls.
* Anticipated, addressed and alerted the issues before it gets escalated by the client

***For Company 5: Cyberdyne Systems, Kolkata.***

**Client: Kotak Securities, Birla Sun life Distribution Ltd. (BSDL) Aug-2002 to Mar-2003**

**Eastern Financier etc. India**

**Role: Software Developer**

**Project**: CS-FM32 Mutual Fund

**Description:** It’s a big financial application based on Mutual Fund with the customers throughout the whole country through online operational support handling various operations at the level of AMCs, Distributors, Brokers, Sub-Brokers, Investors with different types of input forms, calculations, reports etc.

**Technology:** SQL Server 2000, VB 6.0, Crystal Report.

**Responsibilities:**

* Was fully involved in SQL Server 2000 T-SQL database programming/development with stored procedures, views, triggers, functions etc.
* Did the Performance tuning.

***For Company 6: Dataflow Systems, Kolkata.***

**Client: HP Singh Exporter & Importer, India Apr-2002 to Aug-2002**

**Role: Programmer**

**Project:** Export & Import Operation

**Description:** Project is handling Heavy machinery goods manufacturing, selling, and exporting, responding to tenders, giving quotations, purchasing, and importing other heavy machineries and spare parts, billing, operating service centers etc.

**Technology:** VB 6.0, Oracle 8, Crystal Report.

**Responsibilities:**

* Carried out System Analysis & Design, creating ERD & DFD.
* Was fully involved in SQL Server 2000 T-SQL database programming/development with stored procedures, views, triggers, functions etc.
* Developed GUI and client-server programming on VB 6.0,
* developed reports with Crystal Report 8.0
* was involved in Performance tuning.

**Client: Anandalok Hospital, Kolkata, India Sep-2001 to May-2002**

**Role: Programmer**

**Project:** Hospital Stock Management

**Description:** Project of maintaining Inventory and Stock Management of a Hospital.

**Technology:** VB 6.0, SQL Server 2000, Crystal Report

**Responsibilities:**

* Carried out System Analysis & Design, creating ERD & DFD.
* Was fully involved in SQL Server 2000 T-SQL database programming/development with stored procedures, views, triggers, functions etc.
* Developed GUI and client-server programming on VB 6.0,
* developed reports with Crystal Report 8.0
* was involved in Performance tuning.

**Client: National Information and Communication Exchange Nov-2001 to Apr-2002**

**New Delhi, India**

**Role: Programmer**

**Project:** Matrimonial Matching

**Description:** Web based Application having modules like bride and groom registration, uploading own profiles and requirements, developing query systems for bride and grooms, perfect matching between bride and groom based on requirements, families, casts, educational qualifications etc. response to different replies etc. Updating and total control over database by Web Administrator, different type of logins etc.

**Technology:** HTML, Java Script, ASP 3.0 with VB Script, VID, MS Access 2000

**Responsibilities:**

* Carried out System Analysis & Design, creating ERD & DFD.
* Was involved in MS Access 2000 database development.
* Was involved in Web Site development with HTML, Java script, ASP 3.0 with VB Script.

**Client: National Information and Communication Exchange Nov-2001 to Apr-2002**

**New Delhi, India**

**Role: Programmer**

**Project:** Matrimonial Matching

**Description:** Web based Application having modules like bride and groom registration, uploading own profiles and requirements, developing query systems for bride and grooms, perfect matching between bride and groom based on requirements, families, casts, educational qualifications etc. response to different replies etc. Updating and total control over database by Web Administrator, different type of logins etc.

**Technology:** HTML, Java Script, ASP 3.0 with VB Script, VID, MS Access 2000

**Responsibilities:**

* Carried out System Analysis & Design, creating ERD & DFD.
* Was involved in MS Access 2000 database development.
* Was involved in Web Site development with HTML, Java script, ASP 3.0 with VB Script.

**Client: Sahara Motors, Howrah, India Feb-2001 to Aug-2001**

**Role: Programmer**

**Project:** Car Servicing Center

**Description:** Software for preparing Job Card, Billing, maintaining inventory of a Car Service Centre.

**Technology:** VB 6.0, Oracle 8, Crystal Report.

**Responsibilities:**

* Developed Oracle 8.0 PL/SQL database programming with stored proc, packages, triggers,views, functions etc.
* Developed GUI and client server programming with VB 6.0,
* Developed reports on Crystal Report 8.0

**Client: Credit-Watch, India Jan-2000 to Apr-2001**

**Role:** **Programmer**

**Project:** **Credit Online System**

**Description:** This is an Internet based Web Application to some extent E-Commerce project having a part of online Banking System and a large amount of monitory transactions. Different Credit Institutions, Credit Managers, Credit providers including banking sectors and private organizations also can get registered here, can upload their various credit/loan schemes, can issue loans to borrowers, can get repayments against issued loans from borrowers, can show loan status to borrowers with reducing rate of interest, all repayment transactions up to last installment, due amount of repayments, EMIs etc.

**Technology:** Java Script, ASP, SQL 7.0.

**Responsibilities:**

* Developed Web pages with HTML, Java script, ASP 3.0 with VB Script.

CURRENT EMPLOYMENT

|  |  |  |  |
| --- | --- | --- | --- |
| **Company** | **Designation / Role** | **Period From** | **Period To** |
| Oracle Financial Services Software Ltd, IND, Oracle Financial Services INC, USA | Senior Principal Consultant / Tech Lead | Jul-2008 | Till working |

PREVIOUS EMPLOYMENT (IN CHRONOLOGICAL ORDER)

|  |  |  |  |
| --- | --- | --- | --- |
| **Employer** | **Designation/Role** | **Period From** | **Period To** |
| HCL Technologies Ltd. | Software Engineer / Team Lead | Nov-2004 | Jul-2008 |
| Track 4 InfoTech (P). Ltd. | Sr. Software Engineer / Module Lead | Aug-2004 | Nov-2004 |
| AMI Industries (Mumbai). (Newly MIRI Technologies) (Business Associate of TCS)  | Consultant / IT Analyst (@TCS) / Team Lead | April-2003 | Aug-2004 |
| Cyberdyne Systems, Kolkata | Software Progemmer  | Aug 2002 | April 2003 |
| Data Flow Systems | Programmer | Jan 2001 | Aug 2002 |

Achievements and Awards:

* ***I-appreciate award for year 2009***

Visa :

***USA H1-B VISA valid till Mar 2021 (eligible to be extended for next 1 + 3 years till 2025)***