**Manish Baliyan**

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**PROFESSIONAL SUMMARY**

* Above 18 years of IT experience as a Mainframe Programmer, SQL Developer and Technical Business Analyst.
* Good knowledge of software development methodologies like Waterfall, Agile. Expert in various steps of software application development including analysis, design, coding, testing, implementation and maintenance.
* Since year 2010, working as a Technical Business Analyst with job responsibilities like requirement gathering, JAD sessions with SMEs, creating Use Cases, Functional Documentation, Data mapping, Data validation, designing batch file layouts and documenting batch functionality, User interface design, forms/notices, web services. Also responsible for System integration testing (SIT), assisting client with User Acceptance testing (UAT).
* Excellent communication, analytical, interpersonal, time-management and presentation skills.
* Excellent experience in Oracle PL/SQL, SQL Server, DMS 1100, Unisys Mainframe COBOL programming.
* Experience in system, design, analysis, implementation, testing, development, and maintenance of business applications using N-tier architecture with C#, ASP.NET, APIs, MS SQL Server.
* Working experience with designing and development of Mainframe Batch Processes and SQL Server Stored Procedures, handling files transfer (FTP) with various interfacing partners including States and Federal Agencies; data analysis of the received as well as extract files.
* Good knowledge of Java/JavaScript/PHP/CSS/HTML/JSON/XML. Good understanding of Object Oriented concepts.
* Experienced in RDBMS Concepts, Database Management Systems, Data Modeling, Data Mapping, Table normalization.
* Experienced in writing complex SQL Queries, Stored Procedures, Triggers, Views, Cursors, Joins,Constraints, DDL, DML and User Defined Functions to implement the business logic and also created clustered and non-clustered indexes.
* Excellent understanding of creating SSIS Packages for integrating data using OLE DB connection from heterogeneous sources (Excel, CSV, flat file, Text Format Data) by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge and union all.
* Designed, Developed and Deployed reports in MS SQL Server environment using SSRS and creating multi-dimensional Cubes using SSAS.
* Demonstrated leadership abilities and team work skills as well as the ability to accomplish tasks under minimal direction and supervision.

**EDUCATION**

* Bachelor Degree in Electrical Engineering from C.R. State College of Engineering, Sonipat; Haryana; India (1992 – 1996)

**IMMIGRATION STATUS**

* Green Card

**PROFESSIONAL TRAINING AND CERTIFICATIONS**

* MCTS 70-433 (SQL Server 2008 R2 Database Development) Certification

**PROFESSIONAL EXPERIENCE**

1. **Delaware Child Support System (DECSS); Newark, DE July 2014 – Sept 2017**

Technical Business Analyst

The State of Delaware, Division of Child Support System, is an automated system comprised of various sub-systems including; Case Initiation, Establishment, Interfaces, Financials, Collections, Distribution, Disbursement, Enforcement, Reporting and Security. This new system is built on .Net technology and was successfully migrated from IBM Mainframe and went live in Oct 2013. Being a part of maintenance team, in the techno functional role, my day to day responsibilities in the project are as follows:

**Responsibilities:**

* Working on Functional analysis for Production defects and new Change Requests (CR)
* Functional documents update and walkthrough with State Team for their approval for document changes
* System Integration Testing (SIT) using MS Test Manager
* Working as a liaison between the senior management at DHHS – Department of Health and Social Services and the development team
* Responsible for Functional Analysis, Documentation Updates, System Integration Testing for Interfacing Enhancement Projects with External Agencies
* Designing Batch files layouts, functional documentation for the batches and online screens, data validations and transfer
* Created database objects like Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in SQL Server 2008 R2.
* Actively participated in interaction with users, team lead, DBAs, fellow Business Analysts, functional manager and technical manager to fully understand the requirements of the system.
* Wrote several SQL Scripts for data analysis, validation and data cleanup.
* Used Joins, correlated and non correlated sub-queries for complex business queries involving multiple tables from different databases and implemented triggers and stored procedures and enforced business rules via checks and constraints.
* Involved in Designing SQL SSIS Packages to extract data from various data sources such as Access database, Excel spreadsheet, and flat files into SQL Server 2008 R2 for further Data Analysis and Reporting by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, Merge and Union all.

**Environment**: Microsoft Visual Studio 2010, Team Foundation Server (TFS), C#, ASP.NET, SQL Server 2008 R2

1. **JP Morgan Chase, Wilmington, DE Dec 2013 – June 2014**

Technical Business Analyst

Working in JP Morgan Chase in Card Member Services (CMS)/Risk & Fraud (FRD) and TSYS (CORE) Divisions in the role of Business Systems Analyst.

**Responsibilities:**

* Gathering requirements by conducting meetings and brainstorming sessions with end users and SME and documented business requirements and functional requirements. Facilitating JAD sessions involving the key stakeholders, management, development and user teams for clarifying requirements and facilitating better communication.
* Involved in coordinating meetings with application managers, support leads, stakeholders and fixed emergency defects through escalation process.
* Working closely with System Architects to implement Service Oriented Architecture (SOA), Client side Validations, Server side Validations, Web Services and Web Methods involved.
* Identifying and mapping new data sources for the enterprise data warehouse and integrating into existing production batch schedule, identified appropriate dependencies and load/ refresh frequency.
* Worked with data modelers in the creation of logical and physical data models and data base design using Erwin based on the business rules produced.
* Defining test cases, creating test scripts, analyzing bugs, interacting with QA / development teams in fixing errors, and performed UAT.
* Coordinating and prioritizing outstanding defects and enhancement/system requests based on business requirements, allowing sufficient time frame to ensure accuracy and consider deadlines.
* Regularly interacting with onshore and offshore teams to communicate requirements and review functional documents.

**Environment**: TSYS, IBM Mainframe, COBOL, DB2, CICS, Java

1. **Delaware Child Support System (DECSS); Newark, DE Sep 2010 – Oct 2013**

Technical Business Analyst

The State of Delaware, office of Child Support has migrated their legacy DACSES mainframe Child Support application to a state-of-the art .Net platform. DACSES Replacement now called DECSS is an automated system comprised of various sub-systems including; Case Initiation, Establishment, Interfaces, Financials, Collections, Distribution, Disbursement, Enforcement, Reporting and Security. The conversion of the legacy data and the successful integration of all components subsequent to the JADs and discussions made the state of Delaware to implement a federally compliant system. The new system went into Production in first week of October 2013.

**Responsibilities:**

* Involved in functional and technical design documentation for batch programs, online screens, reports, notices etc. Written Use Cases for Batch and Screens functionalities.
* Worked as a liaison between the senior management at DHHS – Department of Health and Social Services and the development team
* Gathered requirements for interfaces designs, batch processes and web services with external agencies like Division of Revenue (DOR), IRS, Division of Motor Vehicles (DMV), Credit Bureau Agencies, Medicaid (DMMA), IV-A (TANF) Agency, Lottery Operators, Department of Corrections, Family court, IV-E (Foster Care) Agency.
* Conducted performance measurement, gap analysis and impact analysis for resolving various bottle necks in migration from the legacy system.
* Researched historical data and propose plans for converting data from the legacy system into the new application. Also a member of data conversion team.
* Extensively used Joins and sub-queries for complex T-SQL queries involving multiple tables. Wrote Stored Procedures to capture inserted, deleted and updated data from OLTP systems.
* Created Tables, Stored Procedures, Views, Indexes, Cursors, Triggers, User Profiles, User Defined Functions, Relational Database Models and Data Integrity in observing Business Rules.

**Environment**: Microsoft Visual Studio 2010, Team Foundation Server (TFS), C#, ASP.NET, SQL Server 2008

1. **Child Support Enforcement System, Massachusetts Feb 2001 – Aug 2010**

PL/SQL and Unisys Mainframe COBOL Developer

**Project Description:**

COMETS is a system that supports all functional areas of Massachusetts Child Support Enforcement program. Modules include Intake, Customer Services, Locate, Litigation, Enforcement and Case Administration and are on Unisys mainframe except of Finance module which was migrated on Oracle Application Server in 2004.

Child Support is a Federal funded program that is mandated to be maintained and run by all states in USA. From time to time, states have to do changes/enhancements to their Child Support applications to adhere to Federal Certification guidelines and rules.

**Responsibilities:**

* Attending project meetings to discuss business requirements and functional document.
* Functional Design, Technical Design; Technical Specification documentation.
* Extensive coding using PL/SQL and COBOL to develop and maintenance of applications on both Oracle and Unisys Mainframe.
* Developed PL/SQL Packages, Procedures, Triggers and Functions in accordance with Business Requirements.
* Created and maintained database, tables, user logins, views, indexes, and constraints to implement business rules and also created Triggers to enforce data and referential integrity.
* Worked on designing of the application that covers process flow of the business logic
* Loading data from flat files into database tables using SQL\* Loader.
* Preparing documentation for requirements, design, Unit testing and System Integration.
* Implementation and support of Oracle and COBOL code into Production and QA environments.

**Environment**: Unisys Mainframe COBOL, AppsBuilder, DMS1100, Toad, PL/SQL, Oracle 10g

1. **GE Edison Life (GEEL), Japan Jul 2000 – Jan 2001**

Mainframe COBOL Developer

**Project Description:**

GE Edison Life Insurance Company, earlier known as TOHO Insurance, is a GE group company, which is involved, in the insurance business. TCS was assigned the task of transfer Insurance applications from the Unisys mainframe to IBM mainframe. Some of the applications are on Fujitsu system, which uses OCR reader to read the input data. The task was to transfer OCR applications to Unisys and from Unisys to IBM. I was involved in the OCR-to-PC conversion and making changes in the COBOL programs on Unisys mainframe using ‘STACY’ tool.

**Responsibilities:**

* Study the business process of GEEL
* Requirement study and impact analysis
* Study the client’s requirements; Coordinating the off-shore team

**Environment**: COBOL; IBM Mainframe

1. **Computerized Inventory Control System (CICP), India Feb 1999 - Jun 2000**

JAVA Developer

**Project Description:**

Tata Consultancy Services Ltd. computerized the Inventory system of Central Ordnance Depot, New Delhi. The main aim of the project was to design and develop inventory application for the day-to-day functioning of the depot. The project was divided into various modules out of which modules like, Issue, Receipt, ESG, Warehousing, were main. The project was based on ‘Distributed Objects’ technology and 3-tier architecture was used. I was involved in Expense Stores Group module.

**Responsibilities**:

* Study user requirement and documenting the same
* Detail designing based on the requirements captured

**Environment**: Java, EJB, Oracle

1. **Department of Transportation, State of Connecticut (CTDOT) Nov 1998 – Jan 1999**

Mainframe COBOL Developer

**Project Description:**

CTDOT has a group of complex applications customized for their business needs. These applications have been developed on mainframe.

**Responsibilities**:

* Impact Analysis
* Code changes
* QA Testing

**Environment**: COBOL; Unisys Mainframe; DMS 1100

1. **Qantas Airlines May 1998 – Oct 1998**

Mainframe COBOL Developer

**Project Description:**

This project involved code maintenance of QANTAS CAMEO (Combined Aircraft Maintenance and Engineering Orders) applications. The Qantas CAMEO application is written in COBOL on Mainframe.

**Responsibilities**:

* Impact Analysis
* Coding and Unit Testing

**Environment**: COBOL; Unisys Mainframe; DMS 1100

1. **Ohio Bureau of Employment Services Jul 1997 – May 1998**

Mainframe COBOL Developer

**Project Description:**

The application was developed in COBOL on Mainframe. The project involved impact analysis, code changes.

**Responsibilities**:

* Impact Analysis
* Coding and Unit Testing

**Environment**: COBOL; Unisys Mainframe; DMS 1100