**Tummala Srinivasa Rao**

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**IT PROFESSIONAL - SQL SERVER & MSBI Consultant**



***Offering 18+ years of experience;*** *seeking challenging assignment across the industry*



**SUMMARY OF SKILLS**

* Technically competent professional with significant experience acquired over the years in diverse areas encompassing **SQL Server Development, Data Warehouse Technologies, Client/Server Environment, Agile Methodology, JIRA, CI/CD, Sof tware Design & Development, Database Administration, Technical Analysis, Quality Assurance and Team Management.**
* Well versed in writing complex queries involving multiple tables using T- SQL skills and developing the ability to create and maintain stored procedures, triggers and user defined functions.
* Expert in data Extraction, Transforming and Loading (ETL) using various tools such as SQL Server Integration Services (SSIS) and creating Dynamic packages for Incremental Loads.
* Highly skilled in performance tuning of SQL queries and stored procedures using SQL profiler and Index tuning advisor.
* Having experience on Power BI, Power Query, Power Pivot, and Power View.
* Knowledge of Azure SQL database development, Azure Data Factory, Azure Databricks and Azure DevOps.
* Proficient in mapping users’ requirements, custom designing solutions & troubleshooting for complex Software/ Application related problems.
* Working knowledge in ASP.Net 1.1/2.0/3.5, C#, ASP 3.0 and Data Access Technologies like ADO, ADO.Net.
* Defined, designed and coordinated approval of validation testing controls, processes, and study documentation
* Preparing daily workloads for team & coordinating the daily allocation of work.
* Excellent team leader with a unique blend of Technical, Functional, and Qualitative skills backed by strong record of facilitating cross-functional coordination for successful delivery of technical solutions.

**Technical Skills Set**

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| Technologies | Microsoft Business Intelligence Tools (MSBI), C#, ASP.NET |
| Operating Systems | Windows Family |
| Databases | SQL Server 2008 R2, 2012, 2014, 2016,2019 |
| ETL Tools | SSIS, Azure Data Factory, Azure Databricks |
| Reporting Tools | SSRS, Power BI |
| Analysis Service | SSAS |
| Source Control | Git, Azure DevOps, VSTF, IBM ClearCase, Tortoise SVN |
| Project Methodologies | Agile and Waterfall |



**PROFESSIONAL EXPERIENCE**

* Working as an IT Consultant in Xyenta Solutions India Pvt. Ltd. From Jan-2020 to till date
* Worked as a Technical Lead in FMS SOLUTIONS Pvt. Ltd. (GREAT Pvt. Ltd) from April 2018 to August 2019
* Worked as a Technical Lead in Nexus Informatics Solutions India Pvt. Ltd. from Dec 2015 to March 2018
* Worked as a Technology Specialist in **Tech Mahindra Ltd (Mahindra Satyam)** from December 2007 to September 2015
* Worked as a Senior Software Engineer in **Wipro Technologies Ltd** from September 2005 to November 2007
* Worked as a Software Engineer in Paradigm Info tech Pvt. Ltd from October 2004 to September 2005



**EDUCATION**

**Master of Science**

T.J.P.S College, Acharya Nagarjuna University



**ANNEXURE**

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| Client  Project  Organization | **Beazley Insurance**  **Finance Data Mart (FDM)**  **Xyenta Solutions** |
| Role | IT Consultant |
| Environment | SQL Server 2016, SSIS, SSRS, SSAS |
| Duration | Jan’2020 – Till date |
| Synopsis | Xyenta is a Lloyd’s and London Market insurance data technology solutions provider.  Beazley is a proud participant in the Lloyd's market, the largest and oldest insurance market in the world. Beazley is able to access a wide range of insurance and reinsurance businesses from around the world and specializing in marine, property, data breach and life insurance. |
| Responsibilities | * Designed dynamic SSIS Packages to transfer data crossing different platforms, validate data during transferring, and archived data files for different DBMS. * Implemented data validation rules in SSIS Packages. Deployed individual packages created environmental variables and scheduled jobs. * Performed source system analysis in order to manage source to Data mapping. Enabled package configuration and package parameters to ensure the package execution in another server. * Developed and created stored procedures, advanced queries, triggers, views, indexes, and functions for databases. * Created numerous simple to complex queries using Joins, Correlated Sub Queries, and Common Table Expression for Business requirement. * Worked on Performance Tuning in SQL Server and SSIS Packages also worked on in Deployments and Unit Testing on Developed Code. * Created the New Dimensions, Measures, Calculations, Hierarchies and fixing issues based on User requirements * Following the CI/CD Process for Deployments and Code versioning by using the GIT HUB, Team city, Octopus * Involved in the analysis and profiling of source data, creating prototypes and sample reports to help with requirements and design (SSRS). * Tracked and Resolved Ticket requests made by the PS Team. |

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| Client  Project  Organization | **Insys, Anovo and Zogenix**  **Hubtopia and My Clinical Trails (MCT)**  **Nexus Informatics Solutions India Pvt. Ltd.** |
| Role | MSBI Lead |
| Environment | SQL Server 2012/2016, SSIS 2012, SSRS 2012 |
| Duration | Dec’2015 – Aug’19 |
| Synopsis | Hubtopia is an end to end solution for Patient, Doctors with Insurance and all eligibility checks.  It gives clients the ability to operate an internal Hub using our pre-built technology solution, integrating stakeholders quickly and seamlessly. This includes the system to have workflows, Territory mappings, Medical Information, Super Vouchers and individual entities within which can be inner related to any individual case and can data can be retrieved at any given point of time with accurate information. Application also includes integration process of various portals with each other wherein updating one particular portal will have an outcome in other portals as well. This feature enables HCP (Health Care Provider) to have their individual logins for their respective portals and access information for at any given time. The data analytics module gives ability to analyze data real time and through standardized reporting.  CSSi (MCT) is the industry leader in developing and implementing clinical trial patient recruitment, enrollment and retention programs. Partnered with many of the top pharmaceutical companies, CROs, SMOs and clinical sites. Its goal is to help our clients conduct efficient and quality clinical trials while reducing enrollment timelines and cost by delivering strategic solutions that utilize our expertise in developing site-specific recruitment plans. |
| Responsibilities | * Interacting with the client to understand the report requirements and analysis of the speciation’s provided by the clients. * Creating drill down, drill through, sub and linked reports using MS SSRS 2008 as well as managed the subscription of the reports. * Creating matrix and tabular, drill down, drill through, and parameterized reports based on the requirements. * Creating multi parameterized reports in MS SSRS 2008 allowing users the ability to make selections before executing reports. * Creating report snapshots and cache for better performance. * Loading data from various sources like OLEDB, flat files to SQL Server database Using SSIS Packages and created data mappings to load the data from source to destination * Created SSIS package to load data from multiple Excel files to SQL Server database using Lookup, Fuzzy Lookup, Derived Columns, Date Conversion, Condition Split, Script Component, and Aggregate. * Identifying data issues and provided recommendations for resolution to ensure optimal performance. * Optimized performance of various long running queries and stored procedures by analyze Execution Plans. * Create Indexes for faster performance * Rebuilding Indexes as part of Performance Tuning Exercise * Extensively created and debugged large T-SQL database scripts and batches to facilitate effective database management. * Prepared database schema document (Data Dictionary), E-R Diagram * Provided deployment assistance to the release team during production deployment. * Preparing daily workloads for team & coordinating the daily allocation of work. * Arranging & chairing weekly team meetings, focusing on targets & achievements. * Dealing with and resolving problems and issues which arise. |

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| Client  Project  Organization | **Speedway LLC**  **Speedway Migration**  **Tech Mahindra Ltd** |
| Role | MSBI Lead |
| Environment | SQL Server 2008, SSIS, SSRS and ASP.NET |
| Duration | Feb’14 – Sep’15 |
| Synopsis | Speedway LLC is the operator of a chain of combination gas stations and convenience stores in the Midwestern United States operating under its namesake brand and along the East Coast of the United States under the Hess and WilcoHess brands. Speedway LLC is a wholly owned subsidiary of the Marathon Petroleum Company and is the largest chain in central Ohio. Speedway LLC is headquartered in Enon, Ohio. Speedway has around 2822 locations.  Our scope in this project is rewriting the existing Speedway Store Manager Bonus (SMBR), Loyalty JE (LJE) and HR Notifications (HRN) applications From IBM Mainframe into Microsoft technologies. |
| Responsibilities | * Analyzing existing Mainframe application functionality and prepare understanding document. * Interacting with the client to understand the project, requirements gathering and analysis, time estimates, preparing design documentation, design reviews, development, testing and deployment of application enhancements, project planning. * Reviewing of work products and deploying the application in the test environment and initiate the process of user acceptance testing. It includes fixing of bugs and fixing technical errors that may come up during this phase. * Loading data from various sources like OLEDB, flat files to SQL Server database Using SSIS Packages and created data mappings to load the data from source to destination. * Created over 55 reports(SMBR - 15, LJE - 15 and HRN - 25) * Creating drill down, drill through, sub and linked reports using MS SSRS 2008 as well as managed the subscription of the reports. * Creating matrix and tabular, drill down, drill through, and parameterized reports based on the requirements. * Created multi parameterized reports in MS SSRS 2008 allowing users the ability to make selections before executing reports. * Created report snapshots and cache for better performance. * Developed and rendered Yearly, Quarterly, Monthly, Weekly reports as per the. * Preparing daily workloads for team & coordinating the daily allocation of work. * Arranging & chairing weekly team meetings, focusing on targets & achievements. * Dealing with and resolving problems and issues which arise. * Design and Development of Database, SSIS packages and SSRS reports * Testing - unit testing & integration testing * Fix any issue faced by end-user on the existing applications. |

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| Client  Project  Organization | **DowJones, USA**  **Risk and Compliance**  **Tech Mahindra Ltd** |
| Role | Database Lead |
| Environment | SQL Server 2005, SSIS |
| Duration | April’2011 – Jan’2014 |
| Synopsis | DowJones is the world's most trusted business and financial news sources. It offers business and financial information to the individual reader around the globe. Dow Jones uses risk and compliance application as service provider for financial institutions across globe.  Risk and Compliance application provides essential business news and information together with the content delivery tools and services that enable professionals to make better decisions faster. |
| Responsibilities | * Interacting with the client to understand the project and analysis of the speciation’s provided by the clients. * Logical and physical Database Design, Data migration from old database to new database and Backend data uploads using SSIS. * Created SSIS package to load data from multiple Excel files to SQL Server 2005 using Lookup, Fuzzy Lookup, Derived Columns, Date Conversion, Condition Split, Script Component, Aggregate, and Slowly Changing Dimension. * Created SSIS Packages and used OLEDB Source as an existing Oracle Database. * Implemented FileStream feature to Store and manage images and documents. * Identified data issues and provided recommendations for resolution to ensure optimal performance. * Prepared data validation scripts to ensure data integrity as per business rules and sharing discrepancy report to client. * Created Indexes for faster performance * Optimized performance of various long running queries and stored procedures by analyze Execution Plans. * Rebuilding Indexes as part of Performance Tuning Exercise * Extensively created and debugged large T-SQL database scripts and batches to facilitate effective database management. * Prepared database schema document (Data Dictionary), E-R Diagram * Provided deployment assistance to the release team during production deployment. * Preparing daily workloads for team & coordinating the daily allocation of work. * Arranging & chairing weekly team meetings, focusing on targets & achievements. * Dealing with and resolving problems and issues which arise. |

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| Client  Project  Organization | **Citi Bank**  **Citi Card Web Solutions (Client Profile, Cheers)**  **Tech Mahindra Ltd** |
| Role | Software Engineer |
| Environment | ASP.NET, .NET Framework 3.5,C#, SQL Server 2008R2, SSIS,SSRS, IBM Clear Case |
| Duration | Jan’2010 – April’2011 |
| Synopsis | The Client Profile (CP) project objective is to capture BINs (business Identification Number), extract BIN information based upon a number of defined parameters and create and distribute the file(s) to the end points. BIN Extraction and distribution is based on the configuration of Business rules and Record Layout respectively and those mapped to the Entity. The entity will be added and then breakdown further whether it is a Network/Processor/Business. An entity can be a Network, Processor or Business. Only Business and networks will have BINs.  CitiShare Enterprise Entitlement Review System (CHEERS) is the web based application captures CSI (Citigroup Systems Inventory) information. Retrieves the entitlement information from the different application databases of CSI using SSIS and generates EERS (Enterprise Entitlement Review System) feed files for external process to upload it to the EERS system. Also generates the different Entitlement reports. |
| Responsibilities | * Interacting with the client to understand the project and analysis of the speciation’s provided by the clients. * Prepared Technical Specification, ER Diagram and installation build guide documents during design phase and build phase respectively. * Logical and physical Database Design, Data migration from old database to new database. * Migrated data from different sources (text based files, Excel spreadsheets, and Access, Oracle) to SQL Server databases using SQL Server Integration Services (SSIS 2008). * Implemented business requirement in backend using efficient stored procedures and facilitated easy implementation to the front end application. * Involved in writing complex SQL Queries, Stored Procedures, Views, Constraints, DDL, DML and User Defined Functions to implement the business logic and also created clustered and non-clustered indexes. * Rebuilding Indexes as part of Performance Tuning Exercise * Developed various types of reports like Drill Down and Sub reports * Developed Web Forms using ASP.Net3.5 Dynamic Data Features, AJAX, and C #.Net. * Created classes in the Business Logic Layer to implement the business rules in C#. * Writing Store Procedures and User Defined Functions. * Created / maintained scheduled job of SSIS Package. * Created drill down, drill through, sub and linked reports using MS SSRS 2008 as well as managed the subscription of the reports. * Automated the build deployment by preparing SQL script files for all database objects to deploy. * Provided deployment assistance to the support team during production deployment. * Prepared Unit Test Scripts * Provided deployment assistance to the release team during production deployment. * Preparing daily workloads for team & coordinating the daily allocation of work. * Arranging & chairing weekly team meetings, focusing on targets & achievements. * Dealing with and resolving problems and issues which arise. |

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| Client  Project  Organization | **Microsoft India Ltd**  **Core Tools (HCP, MOVE)**  Satyam Computer Services Ltd |
| Role | Software Engineer |
| Environment | ASP.NET, .NET Framework 1.1, C#, Web Services, SQL Server 2005,VSTF |
| Duration | Jan’2009 – Jan’2010 |
| Synopsis | The Hardware Collaboration Portal (HCP) project objective is to address the need to better manage the entire supply chain for Xbox manufacturing. Data will be entered into the web front-end by the users and the SCEM relevant data would be saved to the SCEM database. The various RMA (Return Material Authorization) events like create and update are monitored by the SCEM (Supply chain event management) system and reported back to the UI. The email messaging is handled by SCEM.  Microsoft Order Validation Engine (MOVE) is the pre SAP data processing and validation tool for validating purchase orders that comes through partners for Microsoft products as input EDI files from Biz Talk server. MOVE validates the orders and creates output EDI files which are consumed by the downstream system SAP. |
| Responsibilities | * Requirement Analysis. * Participated in interactive sessions with developers in Redmond for knowledge transfer * Documentation : High Level Design (HLD) & Low Level Design (LLD) documents during design phase and build phase respectively * Implemented business requirement in backend using efficient stored procedures and facilitated easy implementation to the front end application. * Prepared data validation scripts to ensure data integrity as per business rules and sharing discrepancy report. * Automated the build deployment by preparing SQL script files for all database objects. * Prepared Technical Specification and installation build guide documents during design phase and build phase respectively. * Provided deployment assistance to the support team during production deployment. |

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| Client  Project  Organization | **Microsoft India Ltd**  **Auto Load Keys (CWS 2.5)**  Satyam Computer Services Ltd |
| Role | Sr.Software Engineer |
| Environment | ASP.NET, .NET Framework 2.0, C#, Web Services, SQL Server 2005,VSTF |
| Duration | Sep’2008 – May’2009 |
| Synopsis | Key Load was the process of loading ProductKeys into CWS System after we get the Product Key File from RSM Team. Earlier Key loading process is a manual task and should be performed by Support Person.  The objective of this project is to automate the Key Loading Process to have better prioritization and better status reporting after key loading process is done. ALK Windows Service is based on Timer and keeps polling on Common Share Folder for key files after specified interval and picks up all the files in batch. The interval of the Win Service for polling Common Share is configurable and support should be able to configure this value accordingly.  Files from Common File Share are copied to Working Folder in batch and then they are processed by ALK Service. After completing processing files from Working Folder all files in Working Folder are deleted. Already processed files are moved from Common File Share to Archive. |
| Responsibilities | * Requirement Analysis. * Participated in interactive sessions with developers in Redmond for knowledge transfer * Documentation : High Level Design (HLD) & Low Level Design (LLD) documents during design phase and build phase respectively * Developed windows service to monitor folder and upload the product keys data into SQL server. * Implemented backend logic using stored Procedures. * Prepared Unit Test Scripts * Provided deployment assistance to the support team during production deployment. |

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| Client  Project  Organization | **Microsoft India Ltd**  **Office 11&12 Online Activation Geo-Blocking**  Satyam Computer Services Ltd |
| Role | Sr.Software Engineer |
| Environment | ASP.NET, .NET Framework 2.0, C#, Web Services, SQL Server 2005,VSTF |
| Duration | Jan’2008 – Aug’2008 |
| Synopsis | Microsoft plans to release regionally targeted versions of Office 11 / 12, targeting releases for Student Media editions. In order to lock down on “cannibalization” (unauthorized resale and abuse of regional licenses) of these lower-priced SKU’s in regions for which they are not intended, the Office team needs a mechanism to geo block activations.  The objective of this project is to reduce piracy.  Specifically, reduce the sale of Microsoft products on the “grey market.”  This is to protect products which were intended for a specific region and to not allow pirates to activate them in other regions. The Geo Validation Service is a web service developed for Generic clearing house (GCH) and in future other application will use this web service. It registers activation information in the backend database for future database lookup and reporting. |
| Responsibilities | * Requirement Analysis. * Participated in interactive sessions with developers in Redmond for knowledge transfer * Documentation : High Level Design (HLD) & Low Level Design (LLD) documents during design phase and build phase respectively * Prepared Unit Test Scripts * Coding & Unit Testing * UAT support * Provided dev assistance to Implementation support team during production. |

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| Client  Project  Organization | **Microsoft India Ltd**  **Release Only Quality (ROQ)**  WIPRO Technologies Ltd |
| Role | Sr.Software Engineer |
| Environment | ASP.NET, .NET Framework 2.0, C#, Web Services, SQL Server 2005, SSIS, SSRS, VSTF |
| Duration | Mar’2007 – Nov’2008 |
| Synopsis | ROQOUT is a release processing tool which permits Release Managers across the globe to create and publish new releases. The release process involves a number of activities performed in parallel such as Approval, Cpx Validation, Vaulting, Virus Scanning, Java scanning. There are a set of Windows/Web Services which performs these tasks in parallel. This application is built on a workflow based design. |
| Responsibilities | * Requirement Analysis. * Participated in interactive sessions with developers in Redmond for knowledge transfer * Design of DVD9 Electronic & Physical handoff workflows and implementation in ROQOUT. * Documentation : High Level Design (HLD) & Low Level Design (LLD) documents during design phase and build phase respectively * Prepared Unit Test Scripts * Coding & Unit Testing * UAT support * Provided dev assistance to Implementation support team during production. |

**Other Projects Summary:**

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| **Client** | **Project** | **Organization** | **Role** | **Duration** |
| Microsoft India Ltd | Sell Keys 3.1 | WIPRO Technologies Ltd | Sr. Software Engineer | Aug 2006 to Feb 2007 |
| Microsoft India Ltd | Siebel Platform Release 4.4 | WIPRO Technologies Ltd | Sr. Software Engineer | Nov 2005 to July 2006 |
| Medidata | Medidata RAVE™ | Paradigm Info tech Pvt. Ltd | Software Engineer | Oct 2004 to Sep 2005 |