**Sangeetha Praveen**

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**Summary**

* **Certified Data Analyst** from University of Toronto
* **7 Years** of experience in **Data Analytics**, **Business Intelligence**, **SQL Development**, **Application Support** within Financial Domain
* Experienced in **Data Profiling, Data Cleansing, Data Wrangling** to analyze the Data Quality of raw data
* Proven ability to **analyze data** to inform the management on **Projections, Trends and Planning Strategies**
* Proficient in relational DBMS in developing **T-SQL Objects, Stored Procedures, Functions, Python Scripts, VBA Scripting** for analysis and to generate Financial Business visualization reports
* Experienced in developing data **Extractions and Loading** Packagesusing **SSIS** according to the Business requirements within the defined timelines
* Demonstrated experience with Business Intelligence (BI) tools and data retrieval techniques and analytics to interpret data outcomes to support the Senior Management decision making
* Possessing strong experience in developing **Mapping** **Documents** between the **Source** and **Target** Systems and creating Data Transformation Diagram (**Data Lineage**)
* Experienced is using Continuous-Improvement software: **GitHub**, **JIRA,** **Confluence**
* Knowledge on managing data dictionaries, relational database within the Data Warehousing by creating and maintaining **Entity-Relation** workflow diagrams
* Exposure to **Statistical Modelling, R Studio, Big Data, Spark, Scala, and Cloud Technologies (AWS)**
* Excellent Organizational and time-management skills with the ability to work independently as well as in a Team environment and communicate effectively
* Strong knowledge in providing **Application Support** and resolve defects within Timelines
* Knowledge on **ITIL** Terminologies: Incident, Problem, Change Management
* Experience working in Test Driven, **Agile** (2 Weeks Sprint) projects

**Technical Skills**

**RDBMS :** SQL Server 2008, 2016, Postgres 14, MongoDB, Oracle 10g

**BI Tools :** SSIS, SSMS 2016, pdAdmin 4, Visual Studio 2017, VS Code 1.63,

Jupyter Notebook, Power BI Desktop, Tableau Desktop

**Server Scripting :** T-SQL, PL/SQL, VBA (Excel Macros), Python 3.9(Pandas, Numpy,

Plotly, Matplotlib), R Studio, C#.net

**Operating Systems :** Windows Server XP/2008/NT/2012 R2

**CI Tools :** GIT, Bitbucket, Confluence, HP ALM 11.52, JIRA V7.2.7

**Experience**

**BNP Paribas Bank Oct’ 14 – Dec’ 21**

**Role: SQL Developer**

**Team: Retail Liquidity Risk**

* Analyzed the **Source Data in Excel Files** to ensure the Data is as per the Specifications
* Collaborated with the Business Team to identify and document the data discrepancies
* Developed **Python Scripts** (Pandas, Numpy Libraries)to analyze the data, cleanse, aggregate and prepare the file for error free load for analytical purpose
* Developed **SSIS ETL Packages** to **EXTRACT, TRANSFORM and LOAD** data into SQL Server **Enterprise Data Warehouse Database** from Excel files
* Developed Performance KPI Metrices dashboard using Tableau, enrollments, graduations, attendance, planning, student teacher ratio, profits margins, projections
* Developed Excel Box Charts to report Monthly Performance Metrics to Management
* Developed Excel Macros using Visual Basic to clean and automate analysis of data
* Developed Entity-Relation workflow diagram
* Developed **T-SQL** Objects (Procedures, Functions etc.) and configure them within **SSIS ETL Packages**
* Developed Visualization Reports using **Power BI**, reporting Risk Parameters (EAD, LGD, NCCF)
* Developed Mapping Documents and Rules between source and Target Systems
* Collaborated along with the **QA Team** and resolved defects within Timelines
* Provided **Production Support** to resolve Production issues within the Timelines
* Document Root Cause Analysis Document for recurring Incidents / Problems
* Provided Project Status updates during the **Daily Scrum Meeting**

**Environment**: SQL Server 2016, Visual Studio 2017, SSMS 2016, GitHub, JIRA, Confluence

**Mascon Global Limited July’09 – Jul’10**

**Role: IT Analyst**

**Team: Human Resources**

* Developed **SQL Queries** to profile and validate the source data to ensure if the data meets all valid business scenarios
* Developed Mapping Documents with the business transformation rules between Source and Target Systems
* Tested **SSIS ETL** Packages based on the Mapping Documents
* Created Change Record to promote changes to the Production Environment
* Attended Daily Project Meetings to provide status updates

**Environment:** SQL Server 2008, Oracle 9.2, Visual Studio 2008, SQL SSMS 2008

**Education**

* **Certificate in Data Analytics -** University of Toronto, Ontario - Feb 2022
* **Master of Computer Applications -** Bharathidasan University, India - 2008
* **Bachelor of Computer Applications -** Bharathidasan University, India - 2005