Sushma Vijayabaskaransushma.vijayabaskaran@gmail.com

**BI & Data Analyst**  *+44 0798-576-1025*

LinkedIn: [Sushma Vijayabaskaran](https://www.linkedin.com/in/sushma-vijayabaskaran-74b522148/) *High Wycombe, GB-UK*

GitHub Link: <https://github.com/Sushma-Vijay/Blogs-Dashboard>

Accomplished Data Analyst with over 11 years of experience in data analytics, Data modelling, data warehousing, and security. Expert in designing efficient data processing systems, enhancing data quality, and ensuring compliance. Specialized in managing large CFO transformation programs. Extensive experience in ETL (Extract Transform and Load), Oracle ERP, and EPM modules. Strong project management skills with a background in Finance, Insurance, and Retail domains. Versatile team player with excellent communication and problem-solving skills, adept at fostering collaboration and driving efficiency, and embracing continual learning for growth and innovation.

Core Skills

* **Database Querying:** Proficient in **Oracle SQL**
* **Scripting Languages:** Good knowledge of **Shell Scripting** and basic knowledge in **Python**
* **Data Processing and ETL:** Expertise in ETL processes using **DataStage**
* **Data Visualization and Reporting:** Skilled in utilizing **Excel** and **Power BI**
* **Scheduling:** **Control-M** Workload Management
* **Operating Systems:** WINDOWS, UNIX
* **Version Control:** Proficient with **GitHub** for version control and collaborative coding
* **Project Management Tools**: Experienced in using **JIRA** for issue tracking and **AGILE** project management
* Expertise in Financial Systems (General Accounting, Treasury, Planning & Forecasting)

Professional Experience

**RELOCATION and MEDICAL CARE Feb 2023-Present**

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**Lead Data Analyst – Tata Consultancy Services | Chennai (Jul 2019 – Feb 2023)**

**Financial Data Integration & Revenue Forecasting - USAA**

* Led diverse teams integrating financial systems (General Accounting, Treasury, and Planning & Forecasting modules) using Agile methodology.
* Managed offshore Team for Maintenance and Production Support teams for PeopleSoft, DataStage, and Oracle Cloud Financials.
* Engineered data pipelines and designed interactive dashboards using Power Query & DAX calculation in Power BI for CFO modules using PeopleSoft and Oracle Cloud ERP.
* Identified trends and analyzed root causes to improve KPIs and streamline reporting.
* Collaborated extensively with IT and business teams to gather inputs, validate findings, and ensure alignment of data lineage reports for EPM interfaces with organizational requirements, utilizing the IBM Information Governance Catalog (IGC).
* Played a key role in upgrading Datastage from version 8.5 to 9.1, ensuring seamless transitions and enhanced performance. Additionally, collaborated with the team to successfully execute PeopleTools upgrades, supporting system stability and functionality improvements.

**Key Achievements:**

* Migrated ETL workflows to Oracle Cloud Financials, enhancing scalability and streamlining financial reporting
* Developed a forecasting module leveraging predictive analytics for General Ledger transactions.
* Managed complex upgrades of Datastage systems, ensuring seamless migrations across 500+ ETL jobs.

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**Senior Data Analyst – Tata Consultancy Services | Chennai (Oct 2015 – Jul 2019)**

**Enhancement, Maintenance & Support for Financial Systems - USAA**

* Delivered technical leadership for maintenance and small modifications in the PeopleSoft EPM application.
* Ensured seamless month-end and annual General Ledger closures for key financial clients.
* Designed and developed a BI dashboard to present financial reports across multiple companies, focusing on modules such as General Ledger (GL) and Accounts Payable (AP).
* Led migration of 750 jobs to CyberArk, implementing best practices and training end-users for smoother adoption.

**Key Achievements:**

* Mentored over 20 junior engineers and hosted knowledge-sharing sessions on SQL, Excel, fostering team growth.
* For seamless Monthend activities, optimized SQL queries and migrated 87 interface consisting of 300 jobs to high-availability servers, reducing runtime by 50%.

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**Junior Data Analyst – Tata Consultancy Services | Chennai (Dec 2014 – Oct 2015)**

**CFO – EPM Development Projects - USAA**

* Developed and refined ETL workflows to maintain high data quality and ensure optimal system performance.
* Collaborated with diverse teams to design data flows and implement transformation pipelines, delivering comprehensive and efficient data solutions for CFO applications.
* Scheduled and automated workflows using management tools, improving process timelines.
* Conducted focused training programs on Datastage, Unix, and SQL for junior data analysts, equipping them with a strong technical foundation and fostering team growth.

**Key Achievements**

* Implemented critical SCD Type 2 processes to preserve historical data integrity and support business needs.
* Developed scalable ETL solutions for retail and insurance clients, optimizing query performance through SQL and DataStage transformations.
* Streamlined and automated over 20 workflows, cutting down manual interventions in handling waiting files by 80% monthly.
* Addressed delays in financial processes by migrating interfaces to dedicated DataStage servers.

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**Maternity & CHILD CARE Jun 2013- Dec 2014**

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**ETL Developer – Tata Consultancy Services | Chennai (Jul 2011 – Jun 2013)**

**Legacy Remediation – Target Retail Systems**

* Developed and maintained shell scripts to automate routine tasks, enhancing efficiency and minimizing manual intervention by streamlining repetitive processes.
* Automated routine tasks using shell scripts, streamlining repetitive processes for enhanced efficiency.
* Contributed to development in Datastage and meticulously documented data workflows for new transformations, facilitating the seamless migration from legacy applications.

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Education

* **Master of Science in Applied Mathematics** – Anna University(MIT Campus), Chennai, Tamil Nadu India (2011) | **C.G.P.A.: 8.76**
* **Bachelor of Science in Mathematics** – Ethiraj College for Women, Chennai, Tamil Nadu, India (2009) | **Percentage: 92.6%**

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Skills and Certifications

* **Certification:** Certified in **SAFE** Agile methodology, 2019
* **Oracle PL/SQL:** Advanced proficiency in Oracle PL/SQL, 2015
* **ETL Tool**: Expertise in **DataStage** 9.1, 2012
* Hacker rank Intermediate for **SQL**, 2025
* **AWS** Practitioner Certificate (In Progress)
* Microsoft Certified: **Power BI Data Analyst Associate** (In Progress)

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Achievements and Awards

* **Technical Leadership**: Completed the TCS Wings 2 program, resulting in a promotion to Technical Lead.
* **Excellence in Production Support and Migrations**: Honoured with the Good Award for outstanding performance in production support and successful migrations at Tata Consultancy Services (TCS).
* **Recognition for Excellence:** Received numerous appreciation and GEM& Star of the Month awards at Tata Consultancy Services (TCS) for outstanding performance and contributions.