

SHREYAS MAHENDRA

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EXECUTIVE SUMMARY:

A self-motivated and result-oriented software engineer having **3+ years** of experience in fast-paced software industry who enables innovative and collaborative mind-set, with a strong focus on **Cloud Platforms** and **Business/Data Analysis**. Solid experience in building performance solutions for cloud and data driven problems with strong technical skills; Proficient in ETL and Cloud Technologies; capable of building 99% scalable solutions from scratch; equipped with great communication skills and leadership quality.

SKILLS:

Languages:	Python, SQL, R, UNIX
Analytics Tools:	ODI, Power BI, Tableau, Cognos, Excel
Databases:	MySQL, Oracle 10g/9i, SQL Server
ML concepts:	Regression, Classification, Clustering, Time Series, Ensemble Models, Neural Networks- CNN, RNN, AI
Frameworks:	Pandas, NumPy, Matplotlib, Seaborn, MATLAB, Scikit learn, TensorFlow, Docker- Container Orchestration, Spark, Scala
Other Technologies:	Azure Cloud- ADF, DataBricks, Functions, Blob Storage, DevOps, Git, GitLab, Artificial Intelligence (AI), Statistics, SAML

PROFESSIONAL EXPERIENCE:

Services IT Development Program Analyst, NTT DATA IPS, India, Bengaluru *November 2019-December 2021*

- Experienced in building Azure data Factory Pipelines which draws data from 10 different data sources for transformation.
- Designed **Data warehousing** and Migration architecture for **Business Intelligence** team to deliver on new product.
- Responsible for creating **Data Mapping** and **Change Data Capture (CDC)** techniques and improved **reliability** and data quality issues.
- Built and maintained **fully automated Continuous Integration/Deployment pipelines** for applications, infrastructure using Enterprise B2B **IaaS and SaaS** and code deployment using Azure DevOps and PowerShell in a cross-functional **Agile** SDLC.
- Worked on **DevOps/Agile** operation process and tools area (code review, unit test automation, Build & Release automation environment. Incident and change Management) including various tools to cut down 50% of manual work.
- Collaboration on creating pipelines on **Azure Data Factory** with integration of 10-15 **Blob Storage** and **DataBricks** Notebooks for quantitative analysis.
- Proficient in handling **SQL scripts** and **managing/deploying** of SQL **DDL/DML's** to production and lower environments.
- Experienced in writing **python scripts** and execution of **Artificial Intelligence (AI)/Machine Learning** and built **3 Deep learning models** on **ML Studio** and databricks notebooks according to the project scope.
- Integrated Azure DevOps with **PowerBI** to automate Data sets and Reports deployment with Data Refresh which reduced 70% of manual tasks.

Software Development Senior Associate, NTT DATA IPS, India, Bengaluru *September 2018-November 2019*

- Managed a team of 4 who are responsible for **Data Cleaning**, **Data profiling** with excellent problem-solving skills.
- Managed **Slowly changing dimensions (SCD)** techniques to **feed transactional data of 450 GB from Oracle Golden Gate to EDW** systems. Implemented **Data modelling** for analytical solutions using star/snowflake schema and dimensional modelling.
- Created **robust real-time ETL pipelines** by collaborative team approach and consulting teams to measure the impact of **business initiatives**.
- Built forecasting models such as **Exponential smoothing and ARIMA** for predicting the sales for the consecutive quarters using best practices, which required understanding and interpreting **business processes** and conducted monthly business reviews for strategic projects.
- Enhanced ODI packages** for **Incremental load** (Nightly Incremental) for various OBIEE/QlikSense reports and identify opportunities for enhancements and optimization of user experience and stakeholders by providing feedback and inputs on gaps in requirements.
- Built** strategic **planning** to validate HealthCare **data extract** and implemented **anomaly** detection for 25 various third-party companies.
- Support to Project Management** In case of change requests and provided inputs on the plan and **collaborate** with Business Analyst.
- SME to fix ad-hoc ETL jobs and issues in production** to meet **99% SLA** by monitoring the data load for data consumers and documentation of the root cause analysis performed for quantitative financial and operational models.
- Supported Qlik Sense development** while migrating 30 analytical reports and 3 system health check from OBIEE and performed unit testing.

PROJECTS:

AvMed: Miami USA

- HealthCare project** which required handling the data in HIPAA standard- Responsible for development of ETL pipelines on Oracle Data integrator from multiple different platforms and loaded to EDW systems for OBIEE dashboards. **Collaboration and validation of data extracts** generated for third companies which involved complex SQL queries and development of pipelines based on the customer needs.
- Developed pipelines and packages for External Data gathering Environment (EDGE extract) data which was audited by CMS and helped to protect \$14 Million in penalty.

Data Intelligence Fabric: Bengaluru India

- Internal project** with hands-on experience on Architecture, design, and development of a Fully functional ADF and CI/CD pipelines on Azure which deployed multiple Azure resources and incremental code deployment. The resources involved were **ADF, Databricks, Functions, SQL Server, PowerApps and Virtual Machines**.
- Primary SME for integration of DevOps and **SonarCloud** to achieve **DevSecOps** and also integration of **PowerBI** to automate deployment.

EDUCATION:

PGD in Data Analytics for Business, **St Clair College, Windsor, Canada**

GPA:3.9; July 2022

Bachelors in Computer Science Engineering, **Visvesvaraya Technological University (VTU)**

GPA:3.7; June 2018