

SHAIK ABDUL RAHEEM

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Experience

Wipro Ltd | Client: Optum (UnitedHealth Group)

Mar 2024 – Present

Data Engineer

- Ensured seamless execution of client processes by **proactively identifying and resolving failures**, significantly reducing **L2 team dependency** and improving operational efficiency.
- Maintained **SLA compliance** for response file deliveries, directly contributing to **client satisfaction**, **service reliability**, and **on-time project execution**.
- Provided **timely assistance** to team members and **coordinated updates** from cross-functional teams to ensure **alignment**, **readiness**, and **quick issue resolution**.
- Collaborated effectively with peers during **critical production support** scenarios, enabling **efficient problem-solving** and ensuring **business continuity**.
- Explored **product repositories** to gain deeper insights into **system architecture** and **data flow**, enhancing **technical understanding** and **support capabilities**.
- Initiated **automation ideas** to streamline **manual workflows**, **reduce operational overhead**, and **improve overall team productivity**.

Wipro Ltd | Client: Bharat Petroleum

Jun 2024 – Feb 2025

Data Engineer

- Developed **40+ KPIs** by **extracting and transforming data** from multiple sources to meet **client business requirements**.
- Maintained **daily data refresh** by creating **Databricks job workflows** for **automated orchestration** and **timely insights**.
- Collected, ingested, and transformed data using **SQL** and **PySpark**, ensuring accuracy and scalability across environments.
- Developed **Azure Data Factory (ADF) data flows** to process data and apply **real-time transformations** using **Azure Databricks** and **Spark activities** within pipelines.
- Utilized **dynamic parameters** to automate configurations such as **file paths** and **database connection strings** in **ADF pipelines**.
- Integrated data from **SharePoint to Microsoft Dataverse**, ensuring seamless **data flow** and maintaining **historical data** within **Azure Databricks**.
- Conceptualized, redesigned, and built data and reporting infrastructure from the ground up using **Power BI** and **SQL**, delivering **real-time insights** into product and business KPIs.
- Optimized data processing by developing **ADF data flows** and implementing **real-time transformations** for improved efficiency.
- Collaborated with **cross-functional teams** to ensure smooth **data ingestion**, **pipeline reliability**, and **performance tuning**.

Wipro Ltd | Client: Apple

Nov 2022 – Apr 2024

Cloud Engineer

- Led **cloud operations**, achieving a **120% increase in data management efficiency** over two years through optimized workflows and automation.
- Spearheaded the development and implementation of **AWS Cloud Data Lakes**, enhancing **data integration**, **accessibility**, and **scalability** across multiple application teams.
- Improved **operational reliability** by optimizing **ETL/ELT pipelines** and implementing **robust monitoring strategies** for proactive issue detection.
- Accomplishments:
 - Created and managed **AWS Cloud Data Lakes**, developing **data ingestion pipelines** for seamless and reliable integration.
 - Deployed **S3 buckets**, **IAM roles**, and **EKS clusters** using **AWS CLI** and **CloudFormation**, ensuring efficient cloud resource management.
 - Diagnosed and resolved **AWS access issues**, and worked on **CI/CD pipelines** to automate **infrastructure provisioning** and **deployment workflows**.
 - Monitored and tuned **ETL/ELT data pipelines**, ensuring smooth data flow and **minimizing downtime**.
 - Managed multiple repositories and modules in **Git**, maintaining effective **version control** and **collaboration** among development teams.
 - Optimized the **Table Management System (TMS)** through **snapshot and orphan cleanup**, improving **data integrity** and **storage efficiency**.

- **Built Splunk dashboards** for **log analysis**, providing **actionable insights** that enhanced operational performance.
 - **Mentored and trained new team members**, facilitating **knowledge transfer** and improving **team technical capability**.
- Wipro Ltd | Client: Apple

Big Data Engineer

Aug 2022 – Oct 2022
- **Managed nationwide operations** to optimize **file system usage** and **monitor disk space** across multiple **Hadoop clusters**, ensuring stable performance and availability.
 - **Analyzed job failure logs** and **troubleshoot Spark and Splunk logs**, minimizing downtime during **critical maintenance activities** such as patching and password updates.
 - **Enhanced overall system reliability** and **operational efficiency** through **proactive issue detection** and **root cause analysis**.
 - **Accomplishments:**
 - **Streamlined disk space management**, improving **resource allocation** and **cluster performance** across large-scale Hadoop environments.
 - **Diagnosed and resolved job failures**, reducing **operational downtime** and improving **workflow stability**.
 - **Implemented advanced log monitoring strategies** using **Splunk** and **Spark logs**, enabling faster issue identification and resolution.
 - **Ensured seamless cluster operations** during **maintenance and patch activities**, maintaining high **system uptime** and **continuity**.

Projects

- Vehicle Rental System

Aug 2024
- Designed and developed a **vehicle rental application** with separate interfaces for customers and staff.
 - Implemented **OOP-based classes** (Vehicle, Customer, Staff, Booking) for structured data management.
 - Built modules to **add, update, delete, and search** vehicles and customers with filters for type, price, and availability.
 - Developed a **booking and rental system** to handle reservations, calculate rental costs, and manage vehicle availability.
 - Created **admin features** for staff login, booking management, and revenue reporting.
 - Implemented **vehicle return and invoice generation** with automatic fee and penalty calculations.
 - Ensured **input validation, error handling**, and tested the system for smooth user experience.

Certificate

- Databricks Certified Associate Developer for Apache Spark 3.0 [🔗](#)
- AWS Certified Cloud Practitioner [🔗](#)
- AWS Certified Solutions Architect - Associate certificate [🔗](#)
- SnowPro Core [🔗](#)

Skills

- **Languages:** Python, SQL
- **Tools:** Airflow, Hadoop, Snowflake, Pandas, Matplotlib, Apache Spark, Grafana, Jupyter Notebook, Azure Data Factory, Databricks, Microsoft Power BI
- **Platforms:** AWS, GitHub Actions, Azure

Education

- Devineni Venkata Ramana and Dr. Hima Sekhar MIC College of Technology

B.Tech in Electrical Engineering; CGPA: 7.62

Jun 2018 – Aug 2021

Vijayawada
- Devineni Venkata Ramana and Dr. Hima Sekhar MIC College of Technology

Diploma - Electrical Engineering; CGPA: 7.52

Jun 2018 – Apr 2018

Vijayawada