

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**.

<ul style="list-style-type: none">• 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 <i>Big Data Engineer</i>	Aug 2022 – Oct 2022
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• Databricks Certified Associate Developer for Apache Spark 3.0 • AWS Certified Cloud Practitioner • AWS Certified Solutions Architect - Associate certificate • SnowPro Core • Microsoft Azure Fundamentals (AZ-900) 	
Skills	
<ul style="list-style-type: none">• 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; <i>CGPA: 7.62</i>	Jun 2018 – Aug 2021 Vijayawada
Devineni Venkata Ramana and Dr. Hima Sekhar MIC College of Technology Diploma - Electrical Engineering; <i>CGPA: 7.52</i>	Jun 2018 – Apr 2018 Vijayawada