

SHAIK ABDUL RAHEEM

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Experience

Wipro Ltd | Client: Optum (UnitedHealth Group)

Data Engineer

Mar 2024 – Present

- 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

Data Engineer

Jun 2024 – Feb 2025

- 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

Cloud Engineer

Nov 2022 – Apr 2024

- 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 [🔗](#)
- Microsoft Azure Fundamentals (AZ-900) [🔗](#)

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