

HARIKRISHNAN K

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Professional Summary

Result-oriented Data Engineer with 3+ years of experience in designing scalable data pipelines, optimizing cloud-based data workflows, and supporting analytics infrastructure. Skilled in SQL, Python, Snowflake, AWS, Azure, and ETL processes. Proven ability to reduce cloud costs, enhance data reliability, and enable data-driven decision-making through efficient data engineering practices. Looking to contribute to a forward-thinking organization leveraging big data and modern cloud technologies.

Professional Experience

Associate

Cognizant Technology Solutions — Bangalore, Karnataka

(November, 2023 – Present)

- Designed and optimized data processing pipelines using SQL and Snowflake for large-scale enterprise projects.
- Automated ETL workflows and scheduled tasks, improving data freshness and reducing manual intervention by 40%.
- Identified inefficient warehouse usage on Snowflake and implemented warehouse resizing strategy reduced costs by 3% and improved task reliability.
- Partnered with analysts to create data marts supporting KPI dashboards in Power BI for executive leadership.
- Ensured data integrity and lineage across cloud platforms (AWS, Azure, GCP).

Programmer Analyst

Cognizant Technology Solutions — Bangalore, Karnataka

(November, 2021 – Present)

- Developed and maintained SQL stored procedures and data transformation logic for business reporting.
- Built interactive dashboards using Power BI to visualize operational KPIs.
- Proactively monitored data pipeline performance, reducing failures due to infrastructure issues by 25%.
- Integrated cloud-native services (AWS Fargate, Lambda) into pipeline orchestration using Jenkins and Docker.
- Collaborated in Agile sprints to roll out enhancements to data workflows.

Education

- **NSS College of Engineering, Palakkad**

B. Tech - Mechanical Engineering (2017 - 2021) - CGPA - 7.81 (Highest GPA - 9.2 in the final semester)

- **Grade12 – Kerala State Higher Secondary Board**

Computer Science Percentage – 97%

- **Grade10 – CBSE CGPA – 8.8**

Skills

- Languages & Scripting: SQL, Python
 - Cloud Platforms: AWS (S3, Redshift, Lambda), Azure (Data Factory, Synapse), GCP
 - Data Warehousing: Snowflake, Redshift
 - ETL Tools: Talend, AWS Glue, Azure Data Factory
 - CI/CD & DevOps: Git, Jenkins, Docker
 - Visualization: Tableau, Power BI
 - Databases: MySQL, PostgreSQL, Oracle
 - Big Data & Streaming: Spark, Kafka
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Certifications

- AWS Certified Solution Architect Associate – Amazon
 - AWS Certified Cloud Practitioner – Amazon
 - Microsoft Azure Data Engineer Associate DP203 - Microsoft
 - Microsoft Azure Data Fundamentals DP900 - Microsoft
 - Microsoft Azure Fundamentals AZ900 - Microsoft
 - Microsoft Power Platform Fundamentals PL900 – Microsoft
 - Microsoft Dynamics 365 Fundamentals
 - Microsoft AI Fundamentals AI900 - Microsoft
 - Reltio Configuration Specialist – Reltio
 - Reltio Integration Specialist – Reltio
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