Shyam Mohan V M

Data Engineer

Bangalore, India | shyammohanvm@gmail.com | +91-7034830977 | linkedin.com/in/shyammohanvm

Summary

Data Engineer with 1.8 years of experience building scalable data pipelines and backend systems. Skilled in Python, SQL, Airflow, AWS, GCP, and Snowflake, with proven success in automating deployments and cutting manual effort. Strong communicator, recognized with multiple awards for innovation, quality, and high-impact delivery.

Skills

Programming Languages: Python, SQL, Java, C/C++
Data Engineering Tools: Apache Airflow, UC4, Snowflake
Frameworks: Django, Streamlit
Databases: MySQL, PostgreSQL
Cloud Platforms & DevOps: AWS, GCP, Git, Docker, Kubernetes

Experience

Analyst (Data Engineering role) Factspan Analytics, Bangalore Jan 2024 – Present

- Designed and maintained scalable **ETL pipelines** for a **global entertainment leader** using **Python, Airflow, AWS, and Snowflake**, processing terabytes of real-time data from diverse sources.
- Migrated legacy data warehouses to Snowflake, boosting query performance and scalability.
- Developed automated data quality checks and development workflows, reducing manual effort by 50%.
- Leveraged internal enterprise data platform architecture to orchestrate deployments, enable CI/CD workflows, and streamline data engineering operations.
- **Recognitions & Awards:**
  - *Learning Champ* – Outstanding performance in training initiatives.
  - *Sweat the Details* – Driving innovations and delivering exceptional quality.
  - *Spot Award* – Critical contributions to a high-impact project.

Education

- **National Institute of Technology, Calicut, India** 2021 – 2023
  Master of Technology (M.Tech), Computer Science and Engineering (Information Security)
- **Government Engineering College, Thrissur, Kerala, India** 2016 – 2020
  Bachelor of Technology (B.Tech), Computer Science and Engineering

Publications

Shyam Mohan V M, Krishnendhu S P, Prabu Mohandas. *Real-Time Traffic Signal Prediction and Control using Deep Q-Network.* In Proceedings of the 2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3), 2023. [10.1109/IC2E357697.2023.10262818]