

Abhishek Nandgadkar

Data Engineer | Data Analyst | SQL | Python | Spark | Airflow | ADF | Big Data | Real-Time Data Processing | Kafka
| Cloud Services (AWS, GCP, Azure) | Building High-Performance ETL Pipelines

✉ abhisheknandgadkar41@gmail.com

☎ 6360952485

📍 Belgaum, Karnataka

🌐 abhishek-nandgadkar-4760a429b

WORK EXPERIENCE

Nubax Data Labs

Data Engineer

02/2023 - Present

- **Designed scalable ETL pipelines** for large datasets, optimizing performance.
- **Built efficient, reliable data workflows** using Spark and AWS Glue, leveraging Glue jobs for schema management and batch data processing.
- **Utilized Databricks** for distributed data processing, enabling scalable, high-performance analytics and reducing processing times for complex data transformations.
- **Conducted data profiling and validation** to meet data governance and quality standards.
- **Implemented CI/CD pipelines** for data workflows, reducing deployment times and improving reliability.
- **Created and maintained Grafana dashboards** for real-time monitoring of key metrics and performance.

EDUCATION

Maratha Mandal Polytechnic

Diploma in Computer Science - 86%

2019 - 2022

PROJECTS

VTS (Vehicle Tracking System)

02/2023 - Present

- **Designed and developed scalable ETL pipelines** using **AWS Glue**, leveraging Glue jobs and PySpark scripts for efficient data extraction, transformation, and loading in the VTS system.
- **Developed real-time alerting systems** for geofence and driver behavior events, reducing response times and improving operational efficiency.
- **Automated operational report generation**, reducing manual effort and improving business insights through scheduled Glue jobs and data partitioning.
- **Built Grafana dashboards** to monitor key performance metrics and visualize system health, supporting proactive decision-making and system optimization.
- **Leveraged Databricks** to accelerate data processing and analytics with Spark, improving the performance of large-scale data transformations and enabling real-time analytics for operational decision-making.

Orion Data Platform

06/2024 - Present

- Focused on robust **data ingestion, transformations, and validations** for seamless data flows and reporting.
- Created **workflows to transfer data between sources and destinations**, ensuring timely, accurate processing.
- **Optimized data pipelines for better performance**, reducing processing time and resource usage.
- **Designed dynamic transformations (WHERE, GROUP BY, JOIN)** to handle complex data processing needs.

SKILLS

- **Programming & Scripting:** Python, SQL
- **Databases:** MySQL, PostgreSQL, MSSQL, Snowflake, Redis
- **Big Data & Frameworks:** PySpark, Apache Kafka, Pandas, NumPy
- **Cloud Platforms:** AWS (S3, EC2, Glue, IAM, EMR, CloudWatch), Azure (ADLS, Databricks, Data Factory)
- **Tools & Technologies:** Airflow, Power BI, Grafana, Docker, Git, CI/CD, Black, Pylint
- **Data Engineering:** ETL Pipelines, Dynamic Transformations, Data Quality Validation