

Portfolio – Python & Data Engineering Specialist

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About Me

I am a Python Developer and Data Engineering specialist with 4+ years of experience in building scalable data pipelines, automating workflows, and delivering high-performance analytics solutions. My expertise lies in Python, PySpark, SQL, and cloud technologies, with a proven track record of improving efficiency, accuracy, and performance for large-scale data systems. I help businesses unlock the power of their data by designing ETL pipelines, real-time analytics workflows, and cloud-based solutions that streamline operations and drive actionable insights. Currently, I am working as a freelance consultant, helping clients with data engineering, cloud integration, automation, and visualization needs.

Core Skills

- Python, PySpark, SQL, C++
- Pandas, Numpy, Matplotlib, Seaborn
- MySQL, Snowflake
- AWS, Azure DevOps, CI/CD, Git
- Grafana, Tableau, Excel
- Agile, Jira, Scrum

Freelance Services

Data Engineering & ETL Development
Cloud Integration & Automation
Data Analysis & Transformation
Database Optimization
Dashboards & Reporting (Grafana, Tableau, Excel)
Workflow Automation

Highlighted Projects

- Automated ETL Pipelines: Designed Python-based ETL workflows integrating Pandas and SQL, reducing manual effort by 60%.
- Real-Time Data Processing: Built high-performance data pipelines with PySpark, improving processing speed by 50%.
- Cloud Deployment: Automated CI/CD workflows with Azure DevOps pipelines, streamlining deployment cycles.
- Visualization Dashboards: Developed Grafana dashboards for large-scale datasets, improving observability and transparency.
- Data Migration Solutions: Led successful migration from legacy systems to modern platforms, increasing accuracy by 30%.

Achievements

Recipient of multiple performance awards for delivering impactful data solutions, system optimizations, and client value.

Education

B.Tech in Information Technology & Data Science – Medi-Caps University (2017 – 2021)