Dennis Omboga Mongare

Email | **X** | **Linked In**

Highly motivated Data Engineer with 3+ years of experience building and automating data pipelines. Passionate about using data to solve social impact problems and empower communities. Proficient in Python, SQL, and Spark. Extensive experience with Databricks and AWS for data processing and infrastructure management. Strong analytical and problem-solving skills with a proven track record of delivering high-quality data solutions.

TECHNICAL SKILLS:

- Programming Languages: Python (5+ years), Java
- Frameworks: Spring Boot, AngularJS
- Cloud Services: AWS (S3, Lambda, Glue, Athena, Batch, RDS), GCP (GCS, BigQuery) (familiarity)
- Data Analysis: SQL (extensive), Pandas
- ETL/ELT Processes: Design, Implementation, and Experience
- Data Architecture: Experience
- Distributed Computing: Principles and Practices (familiar)
- Workflow Orchestration: Airflow, Luigi
- DevOps & Agile: Knowledge of methodologies and practices
- CI/CD & IAC: Experience with Terraform

EXPERIENCE:

Watoto na Codi (Founder, May 12, 2024– Present):
- Developed an online platform to teach programming to kids, showcasing a passion for education and technical skills.
- Proactively maintained, supported, and implemented services including end-to-end monitoring, scripting, automation, and maintenance of platforms.
- Ensured operational excellence by monitoring system stability and uptime, meeting key performance metrics.
- Managed problem and incident resolution, ensuring level 2 & 3 support and incident resolution within SLA.
- Defined, measured, monitored, and reported key system reliability performance indicators, innovating continuously to improve capabilities.

Get to know our story : Watoto na Codi Platform

Git-Hub Projects:
- Bitcoin Monitor (demonstrates data engineering, infrastructure, and real-time data processing).
  Link: BitcoinMonitor

- Cost Effective Data Pipelines (showcases data processing and efficient pipeline setup).
  Link:Cost_effective_data_pipelines

- Data Helper (highlights advanced data manipulation and machine learning integration).
  Link:Data_helper

Education

- Kenyatta University, School of Business (Bachelor of Commerce, Accounting, Dec 2014)
- Learn Data Engineering School (Associate Data Engineer Certification, Ongoing)

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