

# Faisal Aduko Wahabu

Accra, Ghana | [faisaladuko@gmail.com](mailto:faisaladuko@gmail.com) | +233545968371 | [Website](#) | [LinkedIn](#)

## WORK EXPERIENCES

**General Electric – Accra, Ghana**

**Jun. 2022 – Present**

**Digital Technology Analyst**

- Led as a Python Backend Developer for GE Profit and Loss software, executing the core data modeling and database management. I helped save \$250K from consultancy expenses and reduced the development time by 3 months.
- Implemented automation scripts for optimizing Tableau server performance, resulting in \$840K monthly savings and a 10% boost in dashboard load speed across GE EMEA.
- Championed Lean Process improvements, enforcing agile development, reducing waste, and fostering an increase in collaboration among team members.
- Managed GE AI-Language Translate tool for SSA, increased user adoption by 20%, and improved the tool with GE common technical terms.
- Developed and maintained data dashboards, generating daily time savings of 4 hours for the operations and billing teams by championing change management.
- Collaborated in LLM fine-tuning research within the AI & Machine Learning Guild program.

**Aya Data – Accra, Ghana**

**July 2021 – Jun. 2022**

**Data Engineer**

- Spearheaded data preprocessing efforts, a pivotal role that directly contributed to over 50% enhancement in the effectiveness of Machine Learning operations.
- Enhanced Data Security and Quality controls by proactively engaging with clients and diligently enforcing data policy protocols.
- Conducted exhaustive research and skillfully developed Proof of Concepts for relevant Computer Vision use cases in Africa, achieving an impressive 40% boost in the company's lead generation efforts.

## SKILLS

- **Languages:** Python, SQL, Pandas, MATLAB, R
- **Tools:** AWS, RDBMS (PostgreSQL, MySQL), ETL (Talend, MS Azure), Git, PySpark, PyTorch, Tableau.
- **Soft Skills:** Communication, Agile Project Management, Customer Service, Technical Writing.

## PROJECTS

- **Ticket Classification:** This addresses a real-life challenge of Hyper Automation Support ticket classification, allowing the appropriate team to track down issues and resolve them. [Link](#)
- **CloudFormation Web App deployment:** I deployed web servers for a highly available web app using CloudFormation. The steps involved deploying the networking components, followed by servers, security roles, and the software. [Link](#)
- **Indoor Navigation with AR:** The objective was to devise an alternate navigation system for indoor environments, circumventing the limitations of GPS's line-of-sight requirement. I Incorporated a multiuser experience where an indoor space is scanned for its visual and RSSI landmarks, the data is stored in Firebase and is retrievable by other users within the same space for navigation assistance. [Link](#)

## EDUCATION

**Ashesi University**

**Ghana**

Electrical and Electronic Engineering

**Aug. 2017 - May 2021**

**Academic Courses:** Data Science, Python, MatLab, Statistics for Engineers, Networks and Data Communication, Project Management, Introductory French, etc.

**Professional Courses:** AWS Cloud DevOps Nano Degree, Neural Networks and Deep Learning, Google Data Analytics, etc.

## LEADERSHIP AND AWARDS

Runner-up, **GE AI/ML GUILD Hackathon** - GE Gas Power

**2023**

Scholar, **The MasterCard Foundation Scholars Program** – Ashesi University

**2017 – 2021**

Research Lead, **Sankofa Fellowship, Ashesi University**

**Aug. 2019 – April 2021**

President, **Ashesi Muslim Community**

**Jan. 2020 – April 2021**