

# FESTUS MAITHYA

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[Email](#) · [LinkedIn Profile](#) · [Twitter](#) · [Portfolio](#) · [GitHub](#)

I am a dedicated student aspiring to become a **Cloud/DevOps/Data engineer**. With a strong work ethic, I specialize in envisioning and implementing innovative tech solutions to address current and future challenges. My goal is to contribute to the evolution of the human ecosystem by automating processes and leveraging cutting-edge technologies.

## PROJECTS AND EXPERIENCE

**SEPT 2023 – PRESENT**

### **DATA ENGINEERING CORE LEAD, KCAU GDSC CORE TEAM**

- I am responsible for educating members on data engineering, covering both fundamental and advanced concepts.
- Conducting **meet-ups, workshops**, and overseeing **event planning** procedures for the GDSC Data Community.
- Responsible for tracking the progress of the community's data engineering projects and distributing tasks to contributors.
- Also responsible for tracking the progress of the community's data engineering projects and assigning tasks to contributors, as well as maintaining the entire **codebase** for the community on **GitHub**.

**OCT 2022 – PRESENT**

### **CROWDSOURCE LEARNING COMMUNITY AMBASSADOR, GOOGLE LLC**

- Responsible for educating the participants on the importance of contributing towards the development of **Google's AI** interactively via the web.
- Conducting meet-ups, workshops and event planning procedures for the Google Crowdsourcing Community.
- Responsible for tracking the progress of the community and disseminating gifts to task winners after every milestone.

**SEPT 2022 – PRESENT**

### **INTERIM TECH LEAD, RTEC KIBWEZI GROUP**

- Lead in the design, development, and implementation of the RTEC KIBWEZI Landing page and Ecommerce Website.
- Delegating tasks to the RTEC engineering team and providing all the necessary functionality requirements of the web app.

- Controlling and mastering the progress and performance of all devised algorithms in order to ensure quality and accuracy of the RTEC KIBWEZI application.
- Concurrently checking out and provisioning production tools to scale up the site on the cloud using **Microsoft Azure Services**.

## EDUCATION AND KNOWLEDGE ACQUISITION

**SEPT 2021 – PRESENT (UPTO DEC 2025)**

**BACHELOR OF SCIENCE IN SOFTWARE DEVELOPMENT, KCA UNIVERSITY**

CURRENT GPA **3.5**

**SEPT 2022 – DEC 2023**

**FULL STACK SOFTWARE ENGINEERING | BACKEND, ALX SCHOOL**

Foundations – 123.78%

Short Specializations - 127.23%

**JAN 2017 - APRIL 2021**

**KENYA CERTIFICATE OF SECONDARY EDUCATION, SYUMILE HIGH SCHOOL**

MEAN GRADE **B** AGP **63**

## TECHNICAL SKILLS AND EXPERTISE

- **Front End Development** with HTML5, CSS3, JavaScript and Python (Django).
- **Back End Development** with Python and JavaScript/Web Servers (Nginx).
- **Version Control** using Git, GitHub and GitLab
- **Cloud Development** using Microsoft Azure, Google Cloud Platform and Amazon Web Services.
- **Data Engineering** using Python with Apache tools like Spark, Hadoop, Airflow and Kafka.
- **Containerization and Virtualization** using Docker, Kubernetes and Virtual Machines.
- **Machine Learning and AI** using Python with NumPy, Pandas and TensorFlow.
- **Database Management** with MySQL, PostgreSQL and MongoDB.

## SOFT SKILLS

- Problem Solving
- Excellent Team Player
- Fluent Communication Skills
- Reliable
- Transparent and Honest
- Time management
- Accountability
- Visionary and Ambitious