

# PETER MUHUMUKI MUMBI

Nairobi, Kenya | +254 783 925 820, +254 705 875 257

LinkedIn: <https://www.linkedin.com/in/peter-muhumuki-b494ba258> | Github: <https://github.com/peterkahumu>

Portfolio: <https://petermuhumuki.tech>

## SUMMARY

Detail-Oriented Backend Full Stack Software Engineer & Data Scientist with 4+ years of experience in building scalable web applications and developing robust REST APIs. Proficient in backend full-stack development using PHP, FastAPI, Django, and Django Rest Framework. Skilled in data processing, analysis, and machine learning model development using scikit-learn. Strong leadership and collaboration skills, with experience in community management and event organization. Passionate about delivering high-quality, innovative solutions.

## EDUCATION

**Multimedia University of Kenya | Nairobi, Kenya**

**September 2022– June 2026**

Bachelor of Science in Computer Science

Major: Software Engineering, Artificial Intelligence

## CERTIFICATIONS

**Kubernetes Cloud Native Associate**

**April 2026**

Organization: Linux Foundation

**Applied Artificial Intelligence**

**November 2025**

Organization: Moringa School

**Python Programming**

**November 2025**

Organization: Alx Africa

**Pro-Dev Backend: Python**

**August 2025**

Organization: Alx Africa

**Data Analysis: Sql, Power BI, Excel**

**August 2025**

Organization: Alx Africa

**Microsoft Certified: Azure AI Fundamentals**

**September 2024**

Organization: Microsoft

**Software Development: Python**

**September 2024**

Organization: Power Learn Project

## WORK EXPERIENCE

**Customer Service Support Representative | Moringa School | Remote**

**January 2026 – March 2026**

- Manage client relationships and maintain high customer satisfaction by proactively following up on course applications and onboarding processes.
- Investigate client needs and provide coaching and knowledge transfer to facilitate successful course enrollment.

**Project Manager, Full stack developer | Electracka Africa Limited**

**July 2025 – September 2025**

- Directed a 3-member team in delivering Key Management, Guard Management, and Parking Management modules, ensuring alignment with project goals, timelines, and quality standards.

- Collaborated with a team of four engineers to integrate front-end and back-end components; coordinated bi-weekly sprint meetings and resolved 30+ integration conflicts.

**Software developer | Electracka Africa Limited | Nairobi, Kenya** **April 2024 – August 2024**

- Developed & implemented a Vehicle Management Module, enhancing functionality for an existing web system using PHP, JavaScript (Ajax, jQuery), HTML, and CSS.
- Spearheaded marketing efforts, increasing platform adoption by reaching 400+ potential users through targeted outreach.

## **VOLUNTEER ACTIVITIES**

---

**Moringa School Campus Ambassador** **March 2024 - Present**

- Represented Moringa School in more than 5 events
- Act as a point of contact between Moringa School and Multimedia University of Kenya
- Organize and help in event management.

**Machine Learning and AI lead | MMU Tech Community, Kenya** **September 2023 - Present**

- Trained 50+ students on data analysis, machine learning, model deployment and planning events.

**Microsoft Learn Student Ambassador | Multimedia University of Kenya, Kenya** **July 2023 – Present**

- Advocate for Microsoft Technologies and hosted 10 + events with a reach of 100 + students.

## **SKILLS**

---

- Data Science: Python, Data Visualization, Data Preparation, Machine Learning, FastAPI, Scikit-learn
- DevOps: Kubernetes, Docker, Podman
- Frontend Technologies: React, NextJs, HTML, CSS, Javascript, Bootstrap, Tailwind CSS
- Backend Technologies: Python, FastAPI, [Node.js](#) Django, Django Rest framework, PHP
- Database Management: MySQL, Postgres
- Soft skills: Leadership, Communication Skills, Attention to Detail, Research Skills, Conflict Management

## **PROJECTS**

---

- Movies and TV shows streaming site: [Live site](#)
- SentimentIQ (sentiment analysis ): [Live Site](#)
- Social Media App - [GitHub Link](#)
- Expense Tracker System - [GitHub Link](#)
- Telemed Project - [GitHub Link](#)
- REST APIs for Ecommerce Project - [GitHub Link](#)