

Fabian Ndung'u

fabitolewi@gmail.com

+254796314895 | www.linkedin.com/in/fabian-ndungu | <https://github.com/Fabian-lewis>

PROFESSIONAL SUMMARY

Aspiring Software Engineer with a strong foundation in data science and AI models. Passionate about building scalable applications, leveraging machine-learning techniques, and integrating AI-driven solutions into software systems. Seeking opportunities to innovate at the intersection of software development and artificial intelligence.

CAREER OBJECTIVE

Aspiring Software Engineer with a strong foundation in data science and AI models. Passionate about building scalable applications, leveraging machine-learning techniques, and integrating AI-driven solutions into software systems. Seeking opportunities to innovate at the intersection of software development and artificial intelligence.

EDUCATION

KCA University – Bachelor of Science in Software Development

Expected Graduation: November 2025

Relevant Coursework: Software Engineering, Database Management, Object-Oriented Programming, Web Development, Data Structures & Algorithms

TECHNICAL SKILLS

- ✓ **Backend Development:** Java (Spring Boot), PHP, RESTful APIs, PostgreSQL, MySQL
 - ✓ **Frontend Development:** HTML, CSS, JavaScript
 - ✓ **Version Control & Tools:** Git, GitHub
 - ✓ **APIs & Cloud Services:** Google Maps API, M-Pesa Daraja API, AWS (Basic Knowledge)
 - ✓ **Software Development Practices:** Agile methodologies, Object-Oriented Design, Testing & Debugging
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PROJECTS

Land Management System (LMS)

- Built a **web-based** system using **PHP, JavaScript, and PostgreSQL** for land management.
- Integrated **Google Maps API** for geospatial visualization.
- Implemented **secure authentication, role-based access**, and CRUD operations.

Student Management System

- Developed a **Spring Boot-based** RESTful API for managing student records.
 - **Optimized MySQL queries**, ensuring fast and efficient data retrieval.
 - Implemented **authentication and authorization using JWT**.
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EXPERIENCE

Content Creator, Big Block Limited

April 2022 – August 2022

- Developed and executed a social media strategy that increased audience reach by **50%**.
- Created engaging content using **Canva, WordPress, and social media analytics tools** to enhance brand awareness.
- Adapted quickly to new tools and platforms to maximize campaign effectiveness.

Treasurer, Church Project Committee

April 2024 – August 2024

- Managed **daily transactions exceeding 150** and ensured transparent financial reporting.
 - Introduced an **Excel-based tracking system** that improved accuracy by **10%**.
 - Collaborated with a diverse range of people, enhancing interpersonal and leadership skills.
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SOFT SKILLS

- ✓ Strong problem-solving and analytical skills
 - ✓ Excellent communication and teamwork abilities
 - ✓ Quick adaptability to new technologies
 - ✓ Passion for continuous learning and professional growth
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CERTIFICATIONS

- ✓ AWS Cloud Practitioner (*In progress*)
 - ✓ IBM Skills Build Certifications (*Web design Fundamentals, Data Science Fundamentals*)
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EXTRACURRICULAR ACTIVITIES

- Active participant in hackathons.
 - Chess player with strong **strategic thinking and problem-solving skills**.
 - Tech community volunteer, **mentoring junior developers in Java, PHP, and backend technologies**.
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