

MICHELLE WANJIRU KANG'ETHE

SOFTWARE DEVELOPER | DATA SCIENCE | CLOUD COMPUTING

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PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented Information Technology undergraduate with hands-on experience in software and mobile application development, database design, cloud computing and data science. Skilled in Python, Dart with Flutter, web development, and cloud services (AWS and HUAWEI). Passionate about backend engineering, artificial intelligence, and digital innovation. Eager to contribute technical skills and creativity to a collaborative and impact-driven team.

TECHNICAL SKILLS

- **Languages:** Python, Dart, Java, C#
- **Web Development:** HTML, CSS, Tailwind CSS, JavaScript
- **Databases:** MySQL, Firebase, PHP(XAMPP)
- **Cloud Technologies:** AWS (EC2, S3, Lambda), HUAWEI (OBS, CCE, FunctionGraph)
- **Frameworks/Tools:** Flutter, Node.js, Django, Git, VS Code, Android studio SQL Workbench
- **Version Control:** Github

EDUCATION

UMMA University, 2022 – 2025

Bachelor of Science in Information Technology

PROJECTS & EXPERIENCE

ICT Attachee – Judicial Service Commission

Sept – Dec 2024

- Supported database operations and system troubleshooting.
- Provided help desk support for courtroom digital systems.
- Drafted reports and documentation for internal IT processes.

Event Management System (Hackathon Project)

Dec 2025

- Developed the backend with Node.js and structured MySQL database schemas.
- Focused on security, data integrity, and efficient query optimization.
- Collaborated in a team to deliver a scalable booking solution.

ChamaSmart – Digital Savings & Loan Management System

2024 – 2025

- Developed a mobile app with Flutter (Dart) integrating Firebase backend.
- Implemented key modules: user registration, contributions tracking, loan management, fines, and group chat.

- Integrated M-Pesa Daraja API for digital payments.
- Designed scalable architecture with Firebase Authentication, Cloud Functions, and secure data handling.
- Collaborated with a small team to deliver a practical solution for community savings groups.

CERTIFICATIONS & TRAINING

- **AWS Restart Program** – Ajira Kenya (2024)
- **Cybersecurity & Emerging Technologies Awareness** – ICT Authority (2024)
- **Huawei ICT Competition** – Participant (2024–2025)
- **Software development** – Power Learn Project * Safaricom hook (2025)
- **Data Science** – Martial school of IT(2024- 2025)

LEADERSHIP & INVOLVEMENT

- Volunteer Trainer - Digital Literacy, UMMA University Tech Club
- Member - PLP x S-Hook Tech Cohort
- Member – Ajira Digital Club
- Participant - Local Hackathons & Tech Community Events

REFERENCES

Available upon request.