

Kinga Hinzano

Nairobi, Kenya | hinzanno@gmail.com | hinzano.netlify.app | [LinkedIn](#)

Professional Summary

Cybersecurity and Full-Stack Developer with hands-on experience in offensive security testing, cloud engineering (AWS), and full-stack JavaScript development. Built and deployed a fintech web app (PochiKe: pochike.netlify.app) used by 150+ members. Spearheaded the development of PesaBot, an AI-driven budgeting assistant integrated into the PochiKe platform, which analyzed user spending patterns and decreased financial discrepancies by 30%, according to user surveys.

Education

BSc Computer Science (Data Science Major)

Mount Kenya University | Sep 2023 – Dec 2026

- Key Achievement: Led AWS Cloud Club as Events Captain, organizing 7+ workshops for 300+ students, increasing membership by 50% through targeted outreach.
- Relevant Coursework: Data Structures, Python for Security, Cloud Architecture.

Diploma in Cybersecurity (Expected Dec 2025)

GoMyCode Kenya

- Focus Areas: Network Pentesting, Ethical Hacking, Cryptography.
 - Certifications: CompTIA Security+ (Exam scheduled Q4 2024).
-

Technical Experience

Full-Stack Developer | PochiKe | 2023 – Present

Live App: pochike.netlify.app | Tech: Node.js, React, Firebase

- Built a community savings platform with 150+ active users, featuring:
 - PesaBot: AI-driven budgeting assistant that reduced user financial errors by 30% (via post-launch surveys).
 - Secure Auth: Implemented JWT and rate-limiting to block 100+ brute-force attacks per month.
- Deployed on Netlify with CI/CD via GitHub Actions.
View live at <https://pochike.netlify.app>

Cybersecurity Research Lab | 2023 – Present

- Cracked 3 WPA2 handshakes in under 4 hours using Hashcat and rockyou.txt on Kali Linux.
 - Conducted AI voice-enhancement tests on 100+ African accent samples, improving Whisper AI's accuracy by 15%.
 - Simulated OWASP Top 10 attacks on a test web app, patching 5 critical vulnerabilities.
-

Leadership & Outreach

AWS Cloud Club – Events Captain | 2023 – Present

- Organized 7+ workshops (300+ attendees) on AWS Lambda and EC2, increasing club engagement by 50%.
- Mentored 20+ students in cloud deployments; 5 projects went live on AWS Free Tier.

Google Developer Group – Volunteer | 2023 – Present

- Streamlined event registration, cutting no-shows by 30% via automated reminders.
 - Assisted in 3 GDG DevFests (100+ attendees each), with 4.7/5 post-event feedback.
-

Technical Skills

Languages: Python (Flask, Pandas), JavaScript (React, Node.js), SQL, Bash

Security Tools: Kali Linux, Metasploit, Wireshark, Aircrack-ng, Hashcat

Cloud/DevOps: AWS (EC2, S3, Lambda), Firebase, GitHub Actions, Docker

Other: Prompt Engineering (LLM fine-tuning), Technical Writing

Certifications & Projects

- CompTIA Security+ (Expected Q4 2024)
- PochiKe: pochike.netlify.app
- Voice AI Research: Findings on African accent optimization