


Sipo Joe Mudenda

Email: sipo.jmudenda@gmail.com | Contact No. +260762966426 | LinkedIn URL |

Github: <https://github.com/JojoBaPb>

Location: Lusaka, Zambia | Open to Remote Work 

Professional Summary

Aspiring full-stack developer with hands-on experience in AI-powered automation, UX/UI design for healthtech, and agile team collaboration. Proven ability to design and implement systems that solve real-world problems under resource constraints. Currently working on personal and team-based projects across AI marketing and maternal healthcare. Passionate about building impactful, user-friendly digital solutions and actively leveling up to become a top 1% software engineer.

Project Experience

- AI Marketing Automation Bot (Personal Project)

Developer | Jan 2025 – Present

Tech Stack: FastAPI, Python, PostgreSQL, GPT API, Cron, Termux

- Designed and implemented a backend for an AI marketing tool to automate lead generation, email campaigns, and social media scheduling.
- Integrated GPT-powered content generation system that outputs 100+ personalized messages per month.
- Optimized API response times by structuring async background tasks and managing scheduling via cron jobs.
- Deployed solution in a local environment with limited resources (Termux), simulating low-cost deployment for startups.

- Maternal Health App for Rural Africa (Team Project)

UX/UI Designer & QA Tester | Mar 2025 – Present

Focus: Accessibility, Voice UX, Emergency Care, Local Languages

- Created high-fidelity wireframes for a multilingual voice assistant supporting emergency alerts, health tips, and appointment tracking.

- Collaborated with developers to ensure UI consistency across low-end devices with limited connectivity.
- Conducted manual and automated QA tests to verify offline functionality, achieving 95% bug-free deployment in test rounds.
- Led user research interviews with 10+ mothers and midwives to tailor the design to real-world healthcare challenges.

Education

Institution: ALX Africa

Certificate: Back ENd ProDev MAR 2025 – Present

Relevant Coursework: TBA

Institution: ICT Resource Centre

Certificate: Cisco CCNA Jan 2016 – Nov 2016

Relevant Coursework:

Networking for Home and Small Businesses

Introducing Routing and Switching in the Enterprise

Scaling Networks

Connecting Networks

Institution: Springfields Coaching Centre

Certificate: IGCSE 2012

Relevant Coursework: NA

Skills

Languages & Frameworks: Python, JavaScript (basic), FastAPI, SQL

Tools & Platforms: Git, GitHub, PostgreSQL, Cron, Termux, Figma, VS Code

Soft Skills: Communication, Problem-solving, UX empathy, Self-directed learning

Currently Learning: React, Docker, Cloud Deployment (Heroku/AWS)

Additional Skills

Languages: English(Proficient), German(Learning)

Microsoft Office: Proficient in Word, Excel and PowerPoint

Certifications

Cisco CCNA Planned date of completion SEP 2025

Volunteer / Community Projects

Actively seeking to contribute to community projects

Interests

Building efficient systems | AI & automation | UX in emerging markets | Tech & cancer research | Running, Health & Fitness