

## Peter Wahu

Kutus, Kenya

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## Professional Summary

Full-stack developer with expertise in **Python, JavaScript, and TypeScript**, specializing in **backend development with Flask and Hono.js**. Skilled in **PostgreSQL, Docker, and API security**, with a passion for **building scalable applications**. Self-motivated, problem-solver, and experienced in **eCommerce platforms**. Strong Linux background with **CCNA and Linux+ certifications**.

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## Skills & Technologies

- **Languages:** Python, JavaScript, TypeScript, Go, Java
  - **Frameworks & Libraries:** Flask, Hono.js, React, Drizzle ORM
  - **Databases:** PostgreSQL, MySQL
  - **DevOps & Tools:** Docker, Git, CI/CD, Linux
  - **Networking & Security:** CCNA Certified, Linux+ Certified
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## Experience

### Full-Stack Developer | Freelance & Open Source

(2023 – Present)

- Developed a **fully functional eCommerce platform** with user authentication, secure payments, and inventory management.
- Built an **AI-powered chatbot** for the **Social Health Authority (SHA)** to assist users with health-related inquiries.
- Implemented **machine rental system** allowing users to rent cloud resources securely.
- Worked with **React & Redux Toolkit Query** for frontend state management.
- Deployed scalable applications using **Docker and PostgreSQL**.

## Projects

- ✓ **E-commerce Platform** – Built a **marketplace for students** to sell/buy items securely. ✓ **SHA**
  - Chatbot** – AI-powered bot for Kenya's health transition system.
  - ✓ **Machine Rental System** – Web app for renting cloud machines for specific durations.
  - ✓ **Online Transactions App** – Digital payment system aiming to replace MPESA.
  - ✓ **Distributed File Server** – Experimenting with file synchronization across multiple servers.
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## Education & Certifications

- 🎓 **BSc in Information Technology** – Kirinyaga University (Expected 2025)
  - 📜 **CCNA Certified** – Cisco Networking (2024)
  - 📜 **Linux+ Certified** – CompTIA Linux+ (2024)
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## Hobbies & Interests

- ♟️ **Chess** – Strategic gameplay & problem-solving.
  - 🚲 **Bike Riding** – Exploring and staying active.
  - 🔧 **Open-Source Development** – Contributing to projects and learning new tech.
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