

HANNAH APIKO JUMA

Software Engineer | UI/UX Designer | Mobile Developer (Flutter)
Kisumu, Kenya | +254 798 681 754 | apikojuma94@gmail.com

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Versatile Software Engineer with a specialized focus on Mobile Development (Flutter/Dart) and UI/UX Design. Proven track record at Zone01 Kisumu in bridging the gap between complex backend logic (Golang/Python) and intuitive, user-centric interfaces. Expert at translating high-fidelity Figma designs into scalable, high-performance applications. Passionate about building seamless fintech and mobile solutions with a mobile-first, performance-driven mindset.

TECHNICAL SKILLS

Mobile & Frontend: Flutter, Dart, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Responsive Design.
Design & UX: Figma (Prototyping/Wireframing), User Research, Journey Mapping, Usability Testing.
Backend & Cloud: Golang, Rust, Python (Django), RESTful APIs, Firebase (Firestore, Push Notifications).
Tools & Databases: Git/GitHub, Docker, MySQL, Agile Methodologies, Chrome DevTools.
Soft Skills: Collaborative Problem Solving, Technical Documentation, Design-to-Code Translation.

PROFESSIONAL EXPERIENCE

Software Engineer (Mobile-First Focus) | Zone01 Kisumu

April 2024 – March 2026

Cross-Platform Development: Engineered responsive web and mobile-first components, ensuring seamless performance and adaptive layouts for Android and iOS environments.

UI/UX Implementation: Led the design-to-code pipeline by creating high-fidelity wireframes in Figma and translating them into production-ready interfaces using JavaScript and Flutter.

API Architecture: Designed and integrated complex RESTful APIs using Golang, optimizing data flow and state management for dynamic applications.

Performance Optimization: Debugged and resolved critical software defects, reducing load times and improving asset delivery for low-bandwidth mobile users.

Full-Stack Maintenance: Developed and maintained scalable applications using a Golang backend and JavaScript/Flutter frontend, following industry best practices for security and stability.

KEY PROJECTS

[HEAL](#) – SGBV Support Platform (Full-Stack Developer & UI/UX)

- **Problem/Solution:** Designed and built a secure web application providing therapeutic resources for SGBV survivors, prioritizing user privacy and data protection.
- **Technical Execution:** Developed a high-performance backend using Go and a sensitive, intuitive frontend with Next.js and JavaScript.
- **Design Focus:** Created a trauma-informed UI in Figma, ensuring accessibility and ease of use for a vulnerable user base.

[Chichwa](#) – Agricultural Marketplace | UI/UX Designer

- Designed a digital marketplace tailored for smallholder farmers in Kenya's ASAL regions, focusing on low-bandwidth accessibility and intuitive, icon-based navigation.
- Conducted user research to bridge digital literacy gaps, creating high-fidelity prototypes in Figma that enhanced market resilience for rural users..

Stock Simulation App (Flutter/Dart)

- Developed a real-time mobile application for stock monitoring and portfolio management, focusing on complex state management and high-frequency data updates.

Full-Stack Web Application (Golang/JS): Built a high-performance web app from scratch, handling everything from database schema design (MySQL) to responsive UI components.

Design System Prototyping (Figma): Created a comprehensive UI and user flow for a mobile-first application to streamline the development handover process.

EDUCATION

Diploma in ICT | Ugenya Technical and Vocational College | 2021 – 2023

CERTIFICATIONS & TRAINING

FemiDevs – Lakehub: Specialized Software Development Training (2022) - 3 months

Internet Society: Fundamentals of Designing and Deploying Computer Networks

Cyber Security: Ethical Hacking & Network Security Demo Session

LANGUAGES

- English
- Swahili

REFEREES

1. Boaz Obara System Administrator, UTVC(Ugenya Technical and Vocational College) - Siaya

Email: boazobara15@gmail.com | Phone +254707078242

2. Bellah OyuchO Software Engineer, Zone01 Kisumu

Email: bellahoyucho@zone01kisumu.ke | Phone +254 724 912 279

3. Kevin Ouma Trainer/ICT Technician, UTVC(Ugenya Technical and Vocational College) - Siaya

Email: oumakev12@gmail.com | Phone +254701254448