FREDIE NYANDIEK

SOFTWARE ENGINEER

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Mombasa, Kenya

SKILLS

Web Development
Mobile Development
Graphic design

Flutter(Dart)
Next.js,
Tailwind
UX/UI Design
Figma, Adobe
MySQL, SQLite
Postgress
Firebase, MongoDB
Laravel, Angular, Vue
JavaScript
Python
Microsoft Azure

EDUCATION

Bachelor of Science in
Software Engineering
University of Eastern
Africa, Baraton
August 2020 - 2024

PROFILE

Resourceful and detail-oriented Software Engineer with strong experience in web and mobile development. Proven track record in designing, developing, and deploying user-centric applications using modern frameworks. Comfortable working in fast-paced, remote environments with a passion for learning and solving real-world problems through technology.

EXPERIENCE

Software Architect | Coltium Industries | remote | Jan -

-Designed and developed scalable web solutions using Nextjs
- Collaborated on product design and architecture decisions for Web app platforms.
- Implemented responsive, user-friendly UI components with Tailwind CSS.
- Participated in agile development, code reviews, and product roadmap planning.

Student Intern | Tech Savanna | May – Aug 2023

- Engaged in real-world development using Laravel, Angular, and MySQL.
- Worked alongside developers on full-stack modules and interface improvements.
- Contributed to prototyping using Figma and actively participated in sprint cycles.

PROJECTS

SafeHands – Human Trafficking Reporting App

Flutter,Firebase

- Final Year Project focused on empowering users to report and monitor human trafficking cases.
- Features: panic button, location-based reporting, media uploads, user authentication, and admin dashboards.
- Integrated Firebase Auth, Firestore DB, and Google Maps for real-time tracking

Coltium Learning Platform

Next.js, PostgreSQL, Prisma (Under Development)

- Multi-language online learning platform for young learners across Africa.
- Features AI integration, clean UX, role-based access, and dynamic content management.
- Leads UI/UX design and frontend logic using modern tools and animations.