JERRY ROLINCE

Software Engineer — Full-Stack / Backend / Frontend/System-design

+254 759 523 907 | jerryrawlings892@gmail.com | Kenya (Open to Remote / Hybrid / Onsite)

LinkedIn | GitHub | Portfolio | X (Twitter)

PROFESSIONAL SUMMARY

Full-stack Software Engineer with 2+ years of hands-on experience building production web and mobile applications for 1,000+ active users. Skilled across React/Next.js, React Native, Node.js/Express, and PostgreSQL/MongoDB, with proven ability to design scalable APIs, real-time systems, and secure payment integrations. Final-year Computer Science student combining production engineering experience with strong fundamentals in system design and clean architecture.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Frontend / Mobile: React, Next.js, React Native, Redux, TanStack Query, Tailwind CSS, shadcn/ui, Figma

Backend: Node.js, Express, Prisma, Mongoose, REST APIs, Socket.IO, Zod, Cron Jobs

Databases: PostgreSQL, MongoDB

Cloud & DevOps: Vercel, Supabase

Tools & Practices: Git/GitHub, Postman, Jira, Agile

EXPERIENCE

Software Engineering Intern — Beren LLC *2023 – 2026 | Remote*

- Built and shipped production web and mobile applications for a property-management platform used by 1,000+ active landlords, agencies, and tenants.
- Designed and implemented REST APIs with Node.js, Express, and MongoDB, automating manual, paper-based leasing and reporting workflows and digitizing 100% of core agency operations.
- Built responsive, production-grade UIs with React, Next.js, Redux, and Tailwind CSS, and a mobile-first tenant experience in React Native.
- Implemented real-time features with Socket.IO, improving in-app communication and issue resolution turnaround for tenants and landlords.
- Collaborated cross-functionally using Git, Jira, and Agile workflows to ship features on a recurring release cadence.

PROJECTS

AfyaCare — Hospital Management Information System *(Next.js, TypeScript, PostgreSQL, Prisma, Clerk, TanStack Query)*

- Designed a full-stack, role-based HMIS covering patient records, appointments, admissions, pharmacy inventory, prescriptions, and billing, replacing manual hospital record-keeping.
- Implemented role-based access control, cursor-based pagination, and an audit-friendly database architecture to support secure, scalable multi-department use.

Kenya Airways Online Booking System *(Next.js, TypeScript, PostgreSQL, Prisma, Clerk)*

- Built a full flight-booking platform with multi-class seat selection, an interactive visual seat map, multi-passenger booking flows and a full admin panel for staff management, hiring workflows, and reporting.

University Library Management System *(Next.js, TypeScript, PostgreSQL, Drizzle ORM, Upstash Redis, NextAuth.js)*

- Built a production-ready library platform with book cataloguing, borrowing/return workflows, and a full admin analytics dashboard.
- Automated borrowing reminders and PDF receipt generation, and implemented rate limiting for performance at scale.

EDUCATION

Bachelor of Science in Computer Science — Moi University

Expected Graduation: December 2027