

SHARON NJERI

FullStack Software Engineer

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Professional Summary

Fullstack Developer with 5 years of experience building scalable SaaS platforms and developer-focused applications. Proficient in **React (hooks, state management, component libraries like ShadCN, Material UI, and Tailwind)** and **Node.js (Fastify, Express)** with strong **TypeScript** expertise. Skilled in **REST API design**, SQL databases (**PostgreSQL**), and ORMs (**Prisma, Drizzle**). Experienced in shipping features end-to-end, from prototyping with placeholder designs to production-ready systems. Passionate about developer tooling, security-focused platforms, and enabling efficient developer workflows.

Core Skills

Frontend: React.js (Hooks, Context, State Management), Next.js, TypeScript, TailwindCSS, ShadCN, Material UI, Storybook

Backend: Node.js (Fastify, Express), NestJS, Supabase, PostgreSQL, Prisma ORM, Drizzle ORM, Swagger

System Design & APIs: REST API design, database schema modeling, integration testing

Collaboration & Tools: Git/GitHub (PR reviews, version control), Agile/Scrum, CI/CD, Docker, AWS/GCP

Professional Experience

FullStack Software Engineer/ Course Instructor

Zaio Institute of Technology (Remote- Cape Town, SA) | *April 2025- Present*

- Designed and delivered **full-stack development curriculum (React.js, Next.js, TypeScript, Supabase, Node.js, PostgreSQL, ORMs and DevOps)** for learners ranging from beginners to intermediate developers.

- Built **internal learning tools and documentation platforms** that supported student self-paced study and improved retention by 30%.
- Created structured **assignments and coding challenges**, enabling 35 students to build **production-ready projects** and strengthen **problem-solving skills**.
- Authored clear **technical guides and documentation** to simplify complex topics (e.g., APIs, Git workflows, deployment pipelines).
- Facilitated **collaborative coding workshops and peer reviews**, reinforcing best practices in version control, testing, and agile workflows.
- Mentored students into **internships and junior developer roles**, contributing to real-world impact and career growth.

Senior Frontend Engineer

Impact Rooms (Remote – London, UK) | *Jun 2023 – Jul 2025*

- Built and maintained SaaS applications for investment onboarding using **React.js, Next.js, TypeScript, Node.js, Supabase, and PostgreSQL**.
- Designed **modular UI architecture** with component libraries (Material UI, Tailwind), **improving maintainability by 40%**.
- Developed and Integrated REST APIs between frontend and backend services, ensuring secure and performant data flow.
- Introduced AI-powered coding and testing tools to improve developer productivity and code quality.

Lead Frontend Engineer

Adanian Labs / PhemaAgri (Remote – Tanzania) | *Mar 2022 – Jun 2023*

- Led frontend architecture for an agri-fintech SaaS platform with **React, Next.js, and TypeScript**.
- Collaborated directly with product leads and CTO, delivering features from **low-fidelity prototypes to production-ready UI**.
- Mentored junior developers on best practices in **Git workflows, code reviews, and REST API integration**.

Full-Stack Software Engineer

Rensoft Solutions (Nairobi, Kenya) | *Jul 2021 – Apr 2022*

- Built bancassurance platforms using **React.js, Java Spring Boot, Python and CMS (Wordpress, SquareSpace)**.
- Automated deployment using **GCP, Docker and GitHub** for CI/CD workflows.

Frontend Web Engineer

Creare Africa Ltd (Nairobi, Kenya) | *Jan 2021 – May 2021*

- Developed accounting dashboards and loyalty programs for SMEs; refactored code for performance gains using **Next.js**.
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Community Involvement

- **Expert Mentor**, Mastercraft (Space Ya Tech)(May 2025 - Present)
Mentoring students and aspiring young professionals in tech on industry preparedness.
 - **Organizer**, Google Developer Group Nairobi (Jul 2023 – Present)
Led events and workshops with 100+ attendees to promote web and mobile development.
 - **Mentor**, Google Developer Program (ACAT) (Jan 2023 – Jun 2023)
Mentored 300+ learners in Android and full-stack development fundamentals.
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Education

Bachelor of Information Technology

The Technical University of Kenya | Aug 2016 – Jul 2021