

Victoria Essien

SOFTWARE ENGINEER

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SUMMARY

Software engineer with three years of experience building and leading delivery of full-stack web applications. I work end to end across React / TypeScript / Next.js frontends and Python / FastAPI backends — including authentication, infrastructure, and AI-powered features — and have led a cross-functional team from design through deployment. A UI/UX design background shows in a strong eye for product and detail.

SKILLS

Frontend — React, Next.js (App Router), TypeScript, Tailwind CSS, shadcn/ui, Radix UI, TanStack Query, Framer Motion

Backend — Python, FastAPI, Node.js, REST APIs, Prisma, Drizzle ORM, Zod

Data & Auth — PostgreSQL, multi-tenant auth, Stytn, Clerk, Supabase, GCP Secret Manager, Firebase

AI — Vercel AI SDK, LLM integration, prompt engineering

DevOps & Testing — Git, GitHub Actions (CI/CD), Vercel, AWS Amplify, Jest, React Testing Library

EXPERIENCE

Baza Analytics

Jan 2026 – Present

Software Engineer · Remote (South Africa)

Early-stage AI data-infrastructure platform for the African insurance industry; anchor partner: Africa Re.

- **Full-stack feature delivery** — architect and ship features across a Python / FastAPI backend and Next.js / React frontend (API design to production); maintain core infrastructure including multi-tenant auth, secure credential storage (GCP Secret Manager), and AI-powered query execution.
- **Internal admin portal** — built from scratch: magic-link authentication with JWT and role-based access control, an invite workflow, and an activity-audit UI.
- **Major product surfaces** — shipped a database connection wizard, conversation UI, query-history sidebar, and OAuth integration layer, using TanStack Query with full loading and error handling.
- **Production reliability** — resolved race conditions, row-level-security failures, LLM agent loops, and streaming-pipeline errors; improved AI Ask Agent reliability via column-resolution logic and prompt restructuring.

Tison

Aug 2024 – Jan 2026

Technical Lead · Remote (UK)

Product studio; led delivery of LegalRescue.ai, an AI-assisted legal-services platform.

- **Led a cross-functional team of up to 10** (UI/UX, full-stack, and AI engineers) delivering the product from design to deployment — daily standups, task assignment, release coordination, and primary client contact.
- **Built the marketing site and major app surfaces** in React / Next.js (App Router) / TypeScript / Tailwind: admin dashboard, a six-step case-submission questionnaire, attorney profiles, client dashboard, and auth flows (Clerk + Supabase).
- **Security response** — identified and removed an obfuscated malware payload from the build configuration, then hardened the app with security headers and a rewritten auth middleware separating public and protected routes.
- **Set up CI/CD from scratch** (GitHub Actions: lint, format, and build gates on every PR) and managed AWS Amplify deployments.

DirectEd Development

Aug 2023 – Jan 2026

UI/UX Designer → **UI Engineer** · Remote (UK)

Education nonprofit that has placed 70+ students in remote internships across 20+ partner organizations.

- **Designer to engineer** — joined in design (user interviews, personas, interface redesigns), then led the engineering team that shipped the redesigned public platform in Next.js / TypeScript / Tailwind.
- **Frontend craft** — built the reusable component foundation (responsive nav, animation wrapper, Radix tooltip, breakpoint-aware cards) and improved performance via WebP/Firebase media, next/image, and self-hosted fonts.

EDUCATION

Bingham University

Sep 2019 – Jul 2023

BSc. Computer Science