

Leon Kioko

Software Engineer · Full-stack · AI · Product

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SUMMARY

Full-stack software engineer who ships production systems across web, mobile, and AI.

End-to-end ownership from schema to UI: multi-tenant SaaS, cross-platform apps (Expo + Electron), real-time data, and AI agents that do real work — with type safety and tests throughout.

SKILLS

Languages

TypeScript · Python · JavaScript · SQL

Backend & Data

Convex · Node.js · FastAPI · PostgreSQL · REST & WebSockets · Clerk Auth

DevOps & Tooling

Docker · Vercel · GitHub Actions / CI · EAS · Sentry · PostHog

Frontend

React 19 · Next.js 16 · React Native (Expo) · Tailwind CSS · Framer Motion

AI

Anthropic Claude SDK · OpenAI SDK · Agents & workflows · RAG · Document extraction

Practices

TDD · Playwright / Jest / pytest · End-to-end type safety · Multi-tenant architecture · Code review

EXPERIENCE

Autherise / CapEdge Technologies

2024 – Present

Senior Software Engineer

Building a multi-tenant regtech SaaS — Next.js/Convex, AI document pipelines, and a Python extraction engine at production scale.

Lafti

2025 – Present

Founder & Software Engineer

Designing and engineering an AI-native collaborative workspace from the ground up.

Tradefiti

2023 – Present

Founder & Software Engineer

Real-time, cross-platform applications (web + Electron), Python services, and backtesting infrastructure.

Certitude Consultancy

2019 – Present

Co-founder & CTO

Engineering leadership and delivery for organizations going through digital transformation.

Andela

2018 – 2019

Software Engineer ' Product Coordinator

Production engineering on distributed teams — the foundation everything since is built on.

SELECTED PROJECTS

Autherise [Multi-tenant regtech SaaS](#)

A compliance platform that ingests invoices and customs documents, classifies them with AI agents, and prepares validated tax returns end to end. ~80-table schema, 13 AI agents, role-based multi-tenancy, and a Python extraction engine — production-grade, 1,200+ commits.

Next.js 16 React 19 Convex Clerk AI SDK Python

Lafti [AI-native workspace](#)

One workspace unifying pages, tasks, canvas, and calendar under context-aware AI. Rich collaborative editing, real-time sync, and an assistant that operates across your content.

Next.js 16 Convex Clerk Anthropic TipTap

Eltrich Prime [Cross-platform fintech app](#)

A production investment app for iOS, Android, and web — multi-currency wallets, a typed financial ledger, KYC, and live brokerage data sync, on a 32-table schema with a full admin console.

Expo / RN Convex Clerk Smile ID KYC TypeScript

Tradefiti [Real-time, cross-platform systems](#)

A trading platform spanning a desktop (Electron) and web app with real-time charting and data streamed over WebSockets, plus Python services and a no-hindsight backtesting engine with 57 TDD tests. Heavy on real-time architecture and cross-platform delivery.

React 19 Electron Convex Python WebSockets

CertyPay [Payments & ticketing](#)

A payments and event-ticketing platform — collect, track, and reconcile payments with QR ticket issuance and gate verification. Clean payment flows, transactional email, and organizer tooling.

Next.js Convex Clerk Resend QR

PDF-Secure [Security-focused product](#)

A hardened confidential-document viewer with per-recipient access, instant revocation, and a full audit trail — built around access control and verifiable security guarantees.

Vite React Convex Clerk

EDUCATION

2018 **Multimedia University of Kenya** — BA Film Production & Animation — Second Class Upper

2019 **Andela** — Certificate of Service — Software Engineer