

Enoch Kambale

campnoch@gmail.com | enochkambale.com | linkedin.com/in/enochkambale | github.com/camballe | Nairobi, Kenya

SUMMARY

Full-stack engineer with 5+ years of production experience across healthcare compliance, legal tech, and recruitment infrastructure. Currently building an ACA compliance platform at Priority Soft and the AI legal companion workflow at GitLaw. Previously co-founded and served as CTO of Jobzy (2020–2025), where I built 4 products end-to-end across web and mobile.

EXPERIENCE

Priority Soft

2026 – Present

Full-Stack Engineer

Remote (US)

- Sole engineer building an ACA (Affordable Care Act) compliance platform for a US tax resolution practice, owning the full stack from database schema to deployment pipeline with plans to commercialize as a SaaS product
- Architected a Turborepo monorepo with strict package boundaries separating domain logic, algorithms, infrastructure adapters, and the Next.js 16 application to keep regulatory business rules isolated from framework code
- Built IRS Form 1094-C and 1095-C generation, validation, and cross-reference diagnostics so employers can file accurate ACA returns without manual data reconciliation
- Implemented a file parsing pipeline with LLM-assisted normalization that ingests payroll data from varied formats into a unified Drizzle + PostgreSQL data model
- Set up BullMQ + Redis background workers for parsing and PDF generation jobs to keep the main application responsive during heavy batch operations
- Established a quality scorecard ratchet, Playwright E2E suite, migration guardrails, and Railway-based staging CI/CD to catch regressions before they reach production
- Stack: Next.js 16, React 19, TypeScript, Tailwind CSS 4, Drizzle ORM, PostgreSQL, BullMQ, Redis, S3, Railway, Playwright

GitLaw

2025 – Present

Frontend-Focused Full-Stack Engineer

Remote (US)

- Built Stripe-powered subscription billing (checkout, plan management, usage tracking, organization billing) to support paid workflows around the AI legal companion
- Implemented 100% free electronic signatures in the core workflow with PDF field placement, multi-role recipients, signing, delivery, and notifications to help users go from draft to signed document in one place
- Developed a public library of lawyer-vetted templates with search, filtering, publishing workflows, server-rendered SEO pages, and a star system for organic discovery
- Built the core file management system that draft, review, sign, and storage flows all depend on, including full-text search via Elasticsearch, version history, metadata, and forking
- Composed the landing page with live pricing and product content to clearly communicate the free-first onboarding path and convert visitors into active users
- Implemented self-service account management for billing, profile, organizations, and API keys to eliminate support overhead
- Stack: Next.js, React, TypeScript, TipTap/ProseMirror, NestJS, PostgreSQL, Elasticsearch, Redis, Stripe, Google Gemini

Jobzy

2020 – 2025

Co-founder & CTO

Nairobi, Kenya

- Built and operated a 4-product platform for 5 years as sole technical co-founder, creating unified tooling for service providers, recruiters, and job seekers across African markets
- Developed a service marketplace (jobzy.africa) that gave customers a way to find vetted local providers through Elasticsearch-powered search and autocomplete in markets with no existing discovery platform
- Built a multi-country recruitment and verification platform that made cross-border hiring possible across African markets with dual payment methods (PayPal and M-Pesa) and dual currency pricing
- Architected a shared Node.js/TypeScript backend for all 4 products to avoid the cost of per-product backends, handling payments, AI generation, search, and background processing from a single codebase
- Developed a cross-platform mobile app (React Native/Expo) that gave mobile-first job seekers a single place to discover jobs, generate AI-powered applications, and track their pipeline
- Stack: Next.js, React, React Native/Expo, TypeScript, Node.js, Express, PostgreSQL, Prisma, Elasticsearch, OpenAI, Docker, Azure

PROJECTS

VidScript | *TypeScript, Whisper, Claude/GPT, Pinecone, Puppeteer, FFmpeg* 2025

- Built an open-source CLI that makes video content searchable and referenceable by converting it into structured AI-generated PDF notes
- Runs Whisper transcription on-device via @xenova/transformers to eliminate transcription API costs for users
- Implemented a Pinecone-backed RAG path that processes transcripts of any length through semantic chunking, embedding, and hierarchical note generation without truncation
- Supports multiple output formats and multi-language transcription so users can match the level of detail to their use case
- Published to npm across 5 releases (v1.0.6) and open-sourced on GitHub

YouTube Research Agent | *Python, LangChain, OpenAI, YouTube Data API v3, SMTP* 2025

- Built an open-source Python CLI that reduces hours of YouTube research to a single command by searching videos, extracting transcripts, summarizing via LangChain map-reduce, and emailing a formatted digest
- Uses a map-reduce summarization chain to preserve full transcript content regardless of video length, avoiding the information loss of truncation-based approaches
- Automatically filters to high-view-count videos, extracts transcripts, and delivers the finished digest via email
- Separated search, summarization, and email into independent modules for isolated testing and easy swapping of components

PDF Pal | *Next.js, React, TypeScript, tRPC, OpenAI, Pinecone, PostgreSQL, PayPal* 2024

- Shipped a full SaaS to production at pdfpal.enkambale.com covering auth, file upload, PDF processing, RAG chat, and subscription billing
- Prevents cross-document context bleed using per-document Pinecone namespaces, addressing the most common failure mode in multi-document RAG systems
- Implemented streaming AI responses with a split-pane UI that lets users verify answers against the source PDF with zoom, rotation, and fullscreen
- Processes uploaded PDFs asynchronously with real-time status tracking so users see exactly where their document is in the pipeline
- Keeps long research conversations usable through infinite scroll, optimistic updates, and markdown rendering without pagination
- Monetized with 4 PayPal subscription tiers from Free through \$19.99/mo with quota-based access control

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML/CSS

Frontend: Next.js (App Router, SSR, RSC), React 19, React Native/Expo, Tailwind CSS, Radix UI, Framer Motion

Backend: NestJS (microservices), Express.js, tRPC, Next.js API Routes, BullMQ, Zod

Editor / Rich Text: TipTap, ProseMirror

Databases: PostgreSQL, Elasticsearch, Redis, Pinecone, Drizzle ORM, Prisma, Supabase (Row Level Security)

Payments: Stripe (subscriptions, checkout, organization billing), PayPal (subscriptions), M-Pesa

Infrastructure: Docker, Azure, GCP, Railway, Vercel, Playwright, CI/CD, Git

AI / ML: OpenAI (GPT), Anthropic (Claude), Google Gemini, LangChain, RAG Pipelines, Whisper (on-device)