Annastacia Kioko

Full-Stack Software Developer · Nairobi, Kenya
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SUMMARY

Full-stack developer working in Ruby on Rails, React and Next.js. I build e-commerce integrations, payments and internal tools that replace spreadsheets and paid platforms, from Shopify and Microsoft Business Central to M-Pesa and Stripe, and I ship my own real-time and desktop products. I use Claude and Cursor daily to move faster, backed by code review and automated tests, and build AI features with the Claude API.

WORK EXPERIENCE

Davis & Shirtliff Ltd. **Nairobi, Kenya**
Software Developer, E-commerce and Systems Development *Nov 2024 – Present*

- Led the migration of a legacy e-commerce platform to Shopify and integrated it with Microsoft Business Central, reducing manual order handling and increasing monthly online order value by 370%.
- Built a Business Central failover application that keeps the sales process running during timeouts or outages, and ran a drill that reconciled with 95% accuracy.
- Designed and built a staff compliance portal used by 1,030 staff for annual consent to group policies and conflict-of-interest declarations, improving audit readiness and removing manual tracking.
- Rebuilt 3 Power Apps applications as custom web apps (corporate planning, staff appraisals and the compliance portal), removing ongoing licensing costs and improving the user experience.
- Built a Saturday duty scheduling system used by over 10 departments across 3 countries, replacing a third-party platform.
- Automated Excel-based workflows for events management, IMS registers and audit issue tracking as web applications.
- Set up automated unit and integration testing and CI/CD with RSpec, GitHub Actions and Azure Pipelines, and containerised applications with Docker and Docker Compose for Kubernetes deployments.

Mindmaking **Remote (US)**
Software Developer *Aug 2025 – Present*

- Integrating Telnyx to capture calls as vCons, and built data pipelines that ingest and normalise communication data from multiple platforms into vCons, giving support and sales teams one view of customer conversations.
- Built Promises, which extracts commitments from conversations and turns them into actionable tasks with reminders.
- Develop full-stack features with Next.js, Prisma and Supabase across multiple product modules, with reliable data flows from ingestion through storage and analytics.
- Implemented credit-based pricing, subscriptions and automated invoicing with Stripe.

Apprentice Cloud (The Jitu) **Nairobi, Kenya**
Software Developer *Mar 2024 – Aug 2024*

- Designed and built a full-featured online bookstore in Ruby on Rails: catalogue browsing, product pages, search, cart, checkout and order management.
- Implemented search, cart and order-processing logic with validation and error handling, improving reliability across the purchase journey.
- Tuned database queries and refined key user flows, cutting page-load times and improving completion rates for search and checkout.

Mradi Kenya **Nairobi, Kenya**
Software Developer *Mar 2023 – Jan 2024*

- Led end-to-end development of the Booz ERP/CRM purchasing and pricing module with React, TypeScript and Ruby on Rails: best-price vendor sourcing, automated dynamic pricing and competitor-based analytics for more cost-efficient, margin-aware decisions.
- Contributed to Trio, a Ruby on Rails productivity and club management platform for Rotary clubs, integrating communication and notification APIs and adding document management and activity tracking to the member portal.

SELECTED PROJECTS

Buzzline · *Next.js, Supabase, Claude API* buzzline.click

- Live multiplayer quiz game: a big screen hosts and players join on their phones with a PIN. Real-time rooms keep every screen in step; answers are checked on the server; Claude can write the quiz.

TimeTracker · *Electron, React, Supabase* github.com/Annastacia-dev/timetracker

- Offline-first Windows time tracker for client teams, with owner, admin and member roles enforced by row-level security and checked by 52 automated access tests; timesheets, reports and PDF invoices.

Spotlit · *Next.js, Prisma, Paystack* spotlit.social

- Portfolio and media-kit pages for content creators, with brand inquiries and Pro plans paid in Kenya shillings by card or M-Pesa.

Technical writing · *Ruby on Rails, React* dev.to/anne46

- Tutorials on M-Pesa Daraja STK Push and transaction queries, Google OAuth with OmniAuth, Africa's Talking SMS with delivery callbacks, and a reusable React cart with the Context API.

SKILLS

Languages: Ruby, JavaScript, TypeScript, SQL

Frameworks: Ruby on Rails, React, Next.js, Node.js, Electron

Data: PostgreSQL, Supabase, Prisma

Commerce & payments: Shopify, Microsoft Business Central, Stripe, Paystack, M-Pesa (Daraja)

APIs & AI: REST, OAuth (OmniAuth), Telnyx, Africa's Talking, Claude API

DevOps & testing: Docker, Docker Compose, Kubernetes, GitHub Actions, Azure Pipelines, RSpec, Git, Linux

EDUCATION

Moringa School *Jul 2022 – Jan 2023*
Certificate in Software Engineering

Moi University *Oct 2016 – Dec 2021*
Bachelor of Science, Graphics Communication and Advertising