EZEKIEL APETU

Senior Full-Stack Developer · AI SaaS · Payments and Billing · Next.js · TypeScript

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SUMMARY

Senior full-stack developer with approximately six years of professional experience, the last three spent building and operating production SaaS products that take real money. I have designed and run the systems an AI product depends on before it can charge customers: payment webhooks that credit exactly once, wallet and credit ledgers that stay correct under concurrent requests, upload validation that rejects bad files before anything is charged, and admin tooling that makes every transaction and failure easy to check. I work in Next.js, React, TypeScript and PostgreSQL daily, integrate LLM and image AI behind quotas and kill switches, and bring product sense and marketing output alongside the code.

SKILLS

Front end: Next.js (App Router), React, TypeScript, Tailwind CSS, PWA, React Native, Flutter

Back end: Node.js, Next.js route handlers, Prisma, PostgreSQL, Redis, BullMQ, cron and scheduled jobs

Payments: Stripe, Paystack, Flutterwave: checkout, subscriptions, signed and idempotent webhooks, ledgers, payouts, reconciliation

AI: Anthropic API, OpenAI-compatible APIs (DeepSeek), Vercel AI Gateway, Groq Whisper, AssemblyAI, pgvector semantic search, RAG, face and image pipelines

Files and media: Signed direct uploads to Google Cloud Storage, Cloudflare R2 and Vercel Blob, Sharp image processing, server-side type and size validation

Testing and quality: Vitest, Jest, Playwright, integration tests against a real Postgres, ESLint guard rules, decision and incident logs

Infrastructure: Vercel, Google Cloud, Cloudflare, Supabase, self-hosted Postgres and Redis on Linux, verified nightly backups, Docker, Git

Also: PHP, Laravel, WordPress engineering, MySQL, Claude Code under a custom skills and guardrail system

PRODUCTS BUILT AND OPERATED

FOKiiS *Oct 2023 – Present · Co-founder and Technical Lead*

SaaS for photographers: gallery delivery, bookings, client payments and payouts (fokiis.com). Next.js 14, TypeScript, Prisma, PostgreSQL, Redis, Paystack, Google Cloud Storage, Cloudflare R2, Sharp, Vercel. More than 1,200 commits in 2026 alone.

- Built the Paystack webhook pipeline with HMAC signature verification and distributed idempotency keys in Redis, so a confirmation that arrives twice credits once.
- Designed the wallet and ledger: every credit and debit runs inside a database transaction, platform fees are computed in-app, reversed or failed payments roll back cleanly, and payouts to bank accounts run automatically.

- Implemented signed direct uploads with server-side type and size checks before any processing or storage quota is consumed, plus a Sharp pipeline for thumbnails, watermarks and transforms.
- Shipped image AI in production: selfie search on event galleries, where a guest uploads a selfie and gets their own photos back. LLM features run behind one gated entry point with daily quotas and an admin kill switch.
- Built tiered plans, paid plugins and trials with proration, gallery and image deletion, account deactivation, storage quota enforcement, and an admin console with product toggles and per-transaction audit views.

NOiiRR *2025 – Present*

Fashion management and payments platform for ateliers and designers. Next.js 15, Prisma, PostgreSQL, BullMQ, Flutterwave, Resend. Self-hosted Postgres and Redis with nightly verified backups to R2.

- Built merchant onboarding, itemised invoices, measurement templates, embeddable checkout and payment links for merchants' own websites, with USD price display.
- Integrated Flutterwave subaccount payments with webhook staleness and replay rejection, and an hourly ledger, payment and payout reconciliation job with admin alerting.
- Added subscription packages with 14-day trials and plan changes, branded Kobo and Naira TypeScript types so money units cannot be mixed at compile time, and an ESLint rule enforcing tenant isolation on every merchant query.

Sermly *2025 – Present*

AI note-taking app for talks and sermons: record, transcribe, generate structured notes. Next.js 16 PWA and Flutter app, Supabase Postgres and Auth with Google sign-in, Stripe, Groq Whisper, Vercel AI Gateway and DeepSeek, Vercel cron.

- Built chunked audio upload with waveform recording, Whisper transcription and LLM note generation, and an in-app "Ask" assistant that answers with sourced references.
- Implemented Stripe subscription billing with webhook handling, a data-driven plan entitlements table edited by a super admin, and scripted end-to-end idempotency checks.
- Run operational crons for stuck uploads, scheduled notifications, expiry and error-report purge; offline drafts on mobile.

Iranti *2025 – Present*

My own AI personal assistant, used every day: notes, voice, tasks, goals, money, reading. Next.js 15, NextAuth with Google, Redis as primary store, Postgres with pgvector, AssemblyAI, Groq, Vercel Blob, web push, Google Calendar, with a Tauri and Rust desktop companion.

- Built an intent router that classifies every capture into note, task, stash, chat or vocabulary before routing, and semantic memory over all notes behind an "Ask Iranti" assistant.
- Added receipt capture with AI extraction and budgeting, task delegation through code-protected expiring links, a weekly review email and a per-minute push scheduler.

MailJollof *2025 – Present*

Self-hosted email engine for service businesses: sequences, broadcasts, forms, tracking. Next.js, Prisma, PostgreSQL, Resend and Amazon SES, Svix webhook verification, Paystack subscriptions.

- Built multi-workspace tenancy with sender identities and per-identity sending keys, an SES tenant per workspace, and open, click, delivery and bounce tracking from signed webhooks.

- Implemented subscription billing with Single Company and Platform plans and per-plan usage limits, duplicate-enrollment prevention and sequence completion triggers.

PAiiV *2025*

School fee management platform for Nigerian schools. Next.js 14, Prisma, PostgreSQL, Jest.

- Built fee schedules per term, per-student statements and payment tracking for parents and bursars, with a parent-facing landing page and statement views.

EXPERIENCE

Full-Stack Developer and Technical Lead *Feb 2024 – Aug 2025*

Growmodo, Germany (Remote)

- Led full-stack delivery for VVIP client accounts: custom PHP plugins and themes, React Gutenberg blocks, and multilingual WordPress Multisite networks of 5 to 20 sites with Git-managed staging to production pipelines.
- Integrated third-party REST APIs with typed, validated server-side handlers, profiled performance to consistent sub-2-second load times, reviewed code and mentored junior developers.

Contracted Full-Stack Developer *2023 – 2024*

WorkflowMaps, Lagos

- Delivered a complete build: Next.js App Router front end, Supabase Postgres with typed queries, Supabase Auth, Stripe subscription billing and PostHog analytics.
- Built an AI bottleneck-analysis feature as a RAG pipeline: documents embedded into Qdrant, retrieved at query time and passed to an LLM for structured reports.

Full-Stack Developer *Mar 2023 – Jan 2024*

Netplus (fintech), Lagos

- Built the NetplusPay merchant portal, a role-based admin system for banks and POS merchants, and payment middleware integrating bank transfer and virtual-account APIs (React, Node.js, Laravel, MySQL, MongoDB).
- Led the front end of a maritime vessel-tracking dashboard on Lloyd's REST data, load-tested APIs with JMeter, and cut page load times by up to 50% through caching and Nginx tuning.

Senior Frontend Developer, then Head of IT *Aug 2022 – Jun 2023*

Havosoft International, Lagos

- Built WordPress themes and Shopify Liquid templates and designed Laravel APIs tested with Mocha and Selenium; as Head of IT owned network security policy, server configuration and project delivery.

Frontend Developer *Jan 2020 – Sep 2020*

Adomedia NG, Lagos

- Built and maintained client-facing features with React, PHP and Laravel, collaborating with back-end developers on REST API integration.

Frontend Developer (Intern to Developer) *Jan 2019 – Mar 2020*

Ahertech, Lagos

- Built responsive UIs with React, AngularJS and Bootstrap against Node.js and SQL and NoSQL back ends; promoted from intern to developer within 12 months.

HOW I WORK

- Every money path is idempotent and auditable. Integration and end-to-end tests run against a real Postgres (Vitest, Playwright), and no check is trusted until it has been seen to fail.
- AI with control: I use Claude Code daily under a custom library of skills and guardrails, including a decision gate against logged constraints, a bug-fix protocol, check-integrity rules, and per-project decision and gotcha logs, across more than 40 repositories.
- Product sense and marketing: I run FOKiiS's positioning, landing pages, email sequences and daily social content from code pipelines, and can contribute launch materials and creatives as well as code.

CERTIFICATIONS

AWS Solutions Architect Associate, Amazon Web Services

Professional Scrum Product Owner I (PSPO I), Scrum.org

Agile Project Leadership · React: Securing Applications · MERN Stack · Node.js Developer Course

WordPress Custom Theme Development · WordPress Plugin Development