

Adedoyin Akande

Senior Software Engineer · Backend & Platform · Lagos, Nigeria

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SUMMARY

Software engineer with 10+ years designing and leading systems end to end. As engineering lead and contract CTO at Check, set technical direction across 10+ products, including a food-delivery ordering and logistics platform, and led a team of 8. At Paystack, own the Node.js service behind every web marketing platform and lead paystack.com's migration to Nuxt behind a fault-tolerant proxy layer (500K+ monthly visits). Built ARM Pension's onboarding platform for 200K+ customers.

SKILLS

- **Backend:** Node.js, NestJS, Express, MySQL, PostgreSQL, Redis, AWS, REST, GraphQL, Laravel
- **Languages:** JavaScript, TypeScript, PHP, Python
- **Infrastructure:** AWS (EC2, S3, CloudWatch), Kubernetes, Helm, Terraform, Docker, Cloudflare, GitHub Actions, Datadog
- **Payments & Security:** Paystack, Flutterwave and Stripe integrations; JWT/OAuth, MFA; CI supply-chain hardening
- **Frontend & Practices:** Vue.js, Nuxt, React; TDD (Jest, PHPUnit), design docs, code review, AI-assisted development

EXPERIENCE

Senior Web Engineer — Paystack · Lagos, Nigeria · Dec 2021 – Present

- Designed and own Sentinel, a NestJS service capturing sales leads and running email automation for 6+ marketing sites, with Datadog tracing and alerting; 99.9%+ uptime
- Leading paystack.com's migration (500K+ monthly visits, 5 country sites) from Craft CMS to Nuxt; designed a highly available proxy layer with a route table and automatic per-page and full-site fallback to Craft, so no release can take the site down
- Cut website content response times 3x+ with Redis caching
- Manage the team's Kubernetes (Helm) and Terraform configuration on DevOps' behalf: provisioning new services, scaling and decommissioning
- Set the team's CI supply-chain security standard with the Security team (actions pinned to commit SHAs, dependency alert policy) and fixed audit findings
- Mentor engineers through code review and pairing; interview engineering candidates; wrote the team's coding standards

Contract CTO — Check (software and design agency) · Lagos, Nigeria · Jun 2020 – Dec 2023

Senior Software Engineer (Jun 2020) → Engineering Lead (Jul 2021; part-time from Dec 2021) → Contract CTO, part-time (Jan 2023)

- Smallchops.ng (food delivery): designed and built the ordering APIs and an in-house logistics system covering dispatch, rider assignment, live delivery tracking, zone-based pricing and scheduled event deliveries
- Ran engineering across 10+ client products in fintech, investment, e-commerce and health; led a team of 8 engineers, wrote the onboarding docs, and as CTO owned technical direction, client delivery and security
- Chose the agency's stack (Laravel, PostgreSQL, AWS) and made testing, GitHub Actions CI/CD and CloudWatch monitoring the default for every project
- Agro Partnerships (by Farmforte): investment platform with 600+ active investors and ₦90M+ per cycle; led a payment reconciliation incident and added safeguards
- Adidas Nigeria: led the team and wrote the store backend, integrated with Odoo to remove manual order and stock entry

Software Engineer — ARM Holdings Co · Lagos, Nigeria · Jul 2019 – Jun 2020

- Designed and built the customer onboarding platform for ARM Pension, serving 200K+ customers and \$1M+ in pension schedules
- Implemented JWT/OAuth authentication with multi-factor auth for customer accounts
- Built an internal workflow tracker (Vue.js, Laravel) that cut pension processing from 12 days to 3

Design Engineer — Supermart.ng · Lagos, Nigeria · Apr 2018 – Jun 2019

- Redesigned the e-commerce platform end to end (Figma, Vue.js), improving conversion and checkout completion

Co-founder & CTO — SabiApp · Freelance Software Engineer · Jan 2016 – Apr 2018

- Co-founded and built SabiApp, a study platform for university students (PHP, JavaScript, mobile), selected for the CcHUB accelerator; freelanced building web and mobile apps, payment integrations and REST APIs for fintech and e-commerce clients

PROJECTS & OPEN SOURCE

- **collom.io:** offline-first team workspace for writing pages, building formula-driven databases and publishing sites
- **piczel.io:** platform for photographers with client galleries, portfolio sites, booking, invoicing and a print store
- **nigerialogos** (vector logo library, maintained under PaystackHQ)

EDUCATION

B.Sc. Systems Engineering — University of Lagos · 2011 – 2016 · GPA 4.13/5.0