Abdulmujeeb Ahmad Oluyede

Senior Software Engineer, backend and full stack

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SUMMARY

Backend-leaning full stack engineer with 5+ years of production work in TypeScript and Python. I build the parts that have to stay correct under real load: multi-tenant data models, payment and webhook flows, job queues and realtime delivery. Comfortable owning a system end to end in small remote teams, and I leave behind tests and decision records so others can maintain it.

SKILLS

Languages	TypeScript, JavaScript, Python, SQL
Backend	NestJS, Node.js, Django, Fastify, REST, GraphQL, BullMQ, Celery, SSE, Payload CMS
Data	PostgreSQL (PostGIS, pgvector), Prisma, TypeORM, Redis, MongoDB, DynamoDB
Frontend	Next.js, React, Tailwind CSS, TanStack Query, Motion
Infrastructure	Docker, GitHub Actions, AWS (Lambda, Step Functions, S3), GCP, DigitalOcean, Coolify, Sentry
Integrations	Stripe Connect, Paystack, Resend, WhatsApp Cloud API, Claude API, n8n
Testing	Jest, Vitest, Playwright, axe, unit, integration and end-to-end suites

EXPERIENCE

Software Engineer OnchainSuite, remote, part-time — Oct 2025 to present

Web3 retention and CRM about 10 organizations, including partners Surgence Labs and Vault777

- Helped shape the platform architecture and laid the **NestJS backend foundation**: queue, cache, throttling, logging and health modules, a hardened bootstrap, and the module structure the platform grew on.
- **Cut hosting costs 58%** by moving from Render, Neon and AWS to a self-hosted DigitalOcean VM, designed so one image runs as web, worker or both and scales vertically first.
- Moved costly vendors to cheaper paths: GoldRush streaming to Alchemy webhooks and our own indexer (no more per-customer streaming credits), a free Cloudflare WAF, and email consolidated on SendGrid and SES.
- Own the **web app**, making design and UX calls with the product owner: onboarding, dashboard, campaigns, automations, audiences, email and form builders, intelligence, passkeys and 2FA, and a Payload blog that publishes in about a second.
- Review every team pull request before it merges, and run batched releases from dev through staging to production.

Full Stack Engineer Tactology Global, remote, full-time — 2025 to present

OmniGuard, operating system for private security firms 2026 to present, full-stack in a team of four; 340 endpoints, 19 ADRs

- **Database per tenant** on PostgreSQL and PostGIS, with idempotent provisioning and migrations fanned out across every tenant.
- Transactional outbox into Postgres-backed BullMQ; **SSE realtime with Last-Event-ID replay** that holds no database connections.
- Capability-based RBAC with TOTP and audited impersonation; a GDPR erasure ledger that survives restores.

Hospital platform, the Netherlands 2025 to 2026, backend engineer in a team of seven

- Built real-time notifications on **GraphQL subscriptions**: one publisher, filtered per user, covering leave, shift and comment events.
- Rebuilt the **Google Drive-style document system**: inherited view, upload, edit and delete rights, external sharing with revocation, folder download and an activity log.

- Roster **period locking** enforced in the API, with end-to-end tests; Patient Information, ticket and GDPR **DPIA** modules.

Lead Engineer Hofwams, remote, part-time `Dec 2024 to present`

- Lead on an event platform used by **100+ organizers** with 50+ published events, for ticketing, RSVPs, check-in and catering forecasts: 560+ endpoints, 105 models, about 1,400 tests.
- **Race-safe credit ledger** using conditional writes and derived idempotency keys; Stripe Connect payouts with persisted webhooks and a reconciliation backstop.
- Simplified event setup when drafts stalled: only what an event needs to go live, the rest optional. More events now publish.
- Fixed a QR check-in race; a pluggable queue runs 14 scheduled jobs and 23 event listeners.

Backend Engineer Asoebi Africa, Lagos `2023 to 2025`

- Rewrote the platform's legacy NestJS API before launch (outdated packages, tangled structure) while its endpoints stayed live, and fixed its migrations. Built a WhatsApp-to-listing pipeline with n8n and Claude: vendors' product photos became structured listings automatically.
- Made Paystack payments reliable: webhook events stored and retried, idempotency so **no customer is charged twice**, and post-payment work moved off the request into a queue via NestJS events.
- PostgreSQL indexing and query rewrites cut listing and search latency **from about 800ms to 350ms**; Redis caching for catalogs.

Backend Engineer RunIt, Lagos `2022 to 2023`

- Built the Django logistics backend from scratch: data model, full order lifecycle and 100+ endpoints on GCP.
- Haversine-based rider matching replaced most Maps API distance calls, **cutting third-party costs by about 30%**.

Frontend Engineer HostVille, Lagos `2021 to 2022`

- React and Next.js apps with code-splitting, image optimization and caching, holding Lighthouse scores above 85.

SELECTED PROJECTS

Online Campus learning platform, ebschool.org `Apr 2026 to Sep 2026`

- Backend and DevOps, alongside a frontend engineer and a designer; live with paying students. Idempotent Paystack fulfilment with a five-minute reconciliation job, server-enforced timed quizzes, queued PDF certificates; 117 endpoints, about 350 tests.

Bridge multichannel sales outreach `2025 to present`

- Campaign engine with per-mailbox send pacing and RFC 822 email threading on Django and Celery; a Next.js client with a virtualized enrichment spreadsheet.

Trade compliance platform tariff ingestion `2026`

- Tariff adapters for India, New Zealand and Pakistan, and a parser that turned the UN Dangerous Goods PDF into 2,835 structured records on Lambda, Step Functions and DynamoDB.

EDUCATION

BSc Industrial Chemistry, University of Ilorin, 2015. Moved into software engineering in 2020 through self-directed study.