

Abiodun Abdullahi

Senior Backend Engineer · Fintech & AI Systems

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[Lagos, Nigeria \(GMT+1\)](#) · [Remote-native](#) · [Full EU overlap](#) · [4 to 5 hr US East overlap](#) · [Async-first](#)

Senior Backend Engineer with 7 years building high-integrity systems across fintech and AI. Currently Engineering Lead at [OrdrGo](#) (Qashr Group), running a team of 4 on a social-commerce platform live in 12+ markets. Solo-architected a Gen-AI fashion platform to production in under 90 days. Built double-entry ledgers, webhook orchestration layers, and card-issuance rails processing real customer funds at [Heritage Bank](#), [BananaCrystal](#), and [Qashr](#). Co-Founder and Head of Engineering at [Roundup](#), where a custom CV/ML pipeline I built closed a data-licensing partnership with the Nigerian Premier Football League.

SELECTED PROJECTS

Steeze AI, Gen-AI Fashion Platform · 2025 · *Sole architect · React Native + Next.js + NestJS + Vertex AI*

Virtual Try-On diffusion pipeline hitting <2 min inference; autonomous inventory ingestion replacing manual data entry teams.

OrdrGo, Social Commerce SaaS · 2026 to present · *Engineering Lead (3 eng + 1 designer) · NestJS + embedded payments + AI voice parsing · [ordrgo.com](#)*

Converts WhatsApp, Instagram, and TikTok DMs into structured orders with embedded checkout. Live in 12+ markets, 1,000+ active vendors.

Roundup, NPFL Real-Time Football Analytics · 2024 to present · *Co-Founder and Head of Engineering · AWS GPU + YOLO / ResNet*

Real-time CV pipeline ingesting multi-angle stadium feeds and auto-detecting match events. Engineering directly closed the Nigerian Premier Football League data-licensing partnership.

PROFESSIONAL EXPERIENCE

Qashr Group

Remote · Washington, US

Fintech group operating two products: Mini Bank, a WhatsApp-first agency-banking platform (Soft-POS), and [OrdrGo](#), a social-commerce SaaS serving 1,000+ vendors across 12+ markets.

Engineering Lead, OrdrGo

Feb 2026 to Present

- Lead a cross-functional team of **3 engineers and 1 product designer** building OrdrGo, which converts WhatsApp, Instagram, and TikTok DMs into structured orders with embedded checkout. Live in 12+ markets with 1,000+ active vendors.
- Ship production code hands-on across both the React Native mobile app and the NestJS backend, while directing the team through sprint tasking, code reviews, and design reviews.
- Designed and deployed the production infrastructure solo on **DigitalOcean** (Redis, PostgreSQL, dedicated KYC services), maintaining full staging and production environments with CI/CD owned end-to-end.
- Collaborate with product and design on the AI voice-note parsing pipeline that transcribes and structures orders across languages and accents, a core differentiator in the social-commerce category.

Senior Backend Engineer, Mini Bank (Soft-POS)

Jun 2025 to Feb 2026

- Engineered the core Soft-POS terminal inside WhatsApp using the Meta Business API (via 360dialog), enabling field agents to run cash swaps and transfers without physical hardware and competing directly with OPay and PalmPay.
- Architected the high-throughput webhook orchestration layer in NestJS that processes financial commands from the chat interface and executes real-time payments and settlement.
- Designed a PostgreSQL double-entry ledger for agent Cash-In and Cash-Out flows, with zero reconciliation breaks in production.
- Led VAPT remediation, implementing rigorous input validation and sanitation across the chat surface to protect customer funds against injection and XSS attacks.

Steeze AI (concurrent contract)

Remote · Sydney, Australia

Lead Fullstack Developer

Nov 2025 to Feb 2026

Sole architect of a Gen-AI fashion platform ([steezeai.com](#)) from concept to launch. Delivered a production-ready multi-platform ecosystem in under 90 days.

- Designed and shipped the full ecosystem end-to-end: React Native mobile app (iOS and Android), Next.js web storefront, and Next.js admin dashboard for inventory operations.

- Shipped the Virtual Try-On engine on Google Vertex AI diffusion models inside a custom async workflow, hitting <2 min inference latency, the threshold below which the feature became commercially viable.
- Architected the AI Personal Stylist using the OpenAI API with custom guardrails and context-aware prompt engineering for hyper-personalized outfit recommendations.
- Built the cloud backbone on Google Cloud Run and Cloud SQL with GCS and CDN edge caching, and a self-driving inventory ingestion pipeline on Apify and BullMQ that eliminated the need for a manual data-entry team.

Smart Approaches

Remote · United Kingdom

Lead Software Engineer

Nov 2023 to Apr 2025

- Led a **5-person distributed engineering team** delivering two flagship platforms (marketplace and edtech) serving 4,000+ users and 2,500+ active vendors.
- Established a test-driven development culture and standardized CI/CD via CircleCI, cutting regression bugs by **40%**.
- Reduced PR cycle time by **30%** by introducing reusable architecture patterns and weekly design reviews.
- Achieved sub-second API response times on high-traffic endpoints through Redis caching and database index tuning; deployed via Docker and CircleCI to AWS EC2 (ECR) with Prometheus and Sentry observability.

Heritage Bank

Lagos, Nigeria

Software Engineer

Nov 2021 to Oct 2023

- Built **POOLER**, a NestJS and MSSQL virtual-account reconciliation engine that improved treasury operational efficiency by **65%** and became the default reconciliation path for SME partner integrations.
- Developed the Banking-as-a-Service API layer enabling 150+ SME partners to integrate banking functions securely over OAuth 2.0.

BananaCrystal (concurrent contract)

Remote · Wyoming, US

Senior Software Engineer

Dec 2021 to Jul 2022

- Engineered the core card-issuance rails integrating with processor APIs to issue virtual and physical debit cards with real-time transaction authorization.
- Architected the dispute-resolution microservice, reducing resolution time from 6 hours to 2 hours (**66%**).

FOUNDER & ADVISORY

Roundup

Lagos, Nigeria (remote)

Co-Founder and Head of Engineering

Jan 2024 to Present

Sports analytics startup serving the Nigerian Premier Football League (NPFL), the top-tier league in Africa's largest football market. Own the engineering stack end-to-end, from CV model training to cloud infrastructure to commercial data products.

- **Closed the NPFL data-licensing partnership** by building and demoing a working real-time match-analysis engine. Engineering directly converted a technical demo into a multi-year commercial contract.
- Designed the real-time ingestion and inference pipeline on AWS (EC2 GPU, S3, ECR), ingesting multi-angle Pixellot stadium feeds and producing automated event data.
- Trained custom YOLO and ResNet models to detect game events (throw-ins, corners, penalties, fouls) from raw broadcast footage, replacing manual tagging workflows and unlocking sub-second event data as a licensable product.
- Led the technical side of licensing negotiations, translating CV model capabilities into contract-grade SLAs and data-quality guarantees.

TECHNICAL SKILLS

Backend: TypeScript, Node.js, NestJS, Express · Python (ML pipelines at Roundup) · C# and Java (auxiliary) · PostgreSQL, MySQL, MSSQL, Redis · BullMQ · Event-driven architecture, Domain-Driven Design

Cloud & DevOps: GCP (Cloud Run, Cloud SQL, Cloud Storage, CDN) · AWS (EC2 GPU, S3, Lambda, ECR) · DigitalOcean (managed Redis and Postgres, KYC services) · Docker, GitHub Actions, CircleCI, Terraform · Prometheus, Sentry

AI in Production: Google Vertex AI (diffusion) · OpenAI API with custom guardrails · Inference orchestration · Computer Vision (YOLO, ResNet)

Also: React Native (Expo / CLI), Next.js, Firebase, Meta Business API (360dialog)

EDUCATION & WRITING

B.Sc. Mathematics Education · University of Ilorin · 2019

Core focus: logic, statistics, and numerical methods.

Foundation for systems design and ledger correctness.

Technical Writer · medium.com/@biodunbio14

Publishes on backend scaling, CI/CD pipeline optimization, and test-driven development.