

Momoh Yusuf

FULLSTACK ENGINEER

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Fullstack engineer with over five years of experience building reliable web and mobile systems. I work across product interfaces, APIs, data, and asynchronous services, with a focus on clear boundaries, security, and operational correctness.

TECHNICAL SKILLS

Languages & UI: TypeScript, JavaScript, Java, React, React Native, Expo, Next.js, HTML/CSS

Backend & data: Node.js, NestJS, Spring Boot, PostgreSQL, PostGIS, MongoDB, Redis, GraphQL

Messaging & tools: RabbitMQ, BullMQ, Socket.IO, Docker, AWS, Terraform, GitHub Actions, Git

Collaboration & design: Postman, Figma, Jira, Slack, Notion, draw.io, Google Workspace, Teams

EXPERIENCE

COEXR

Nigeria

Co-founder / Fullstack Engineer

2026 – Present

- Built a social fitness platform spanning an Expo mobile app, Spring Boot API, public Next.js workout previews, and a staff dashboard.
- Implemented nearby workout discovery with PostGIS, hosting and participation flows, server-enforced capacity and schedule conflicts, and privacy gates for exact meeting locations.
- Designed passwordless sign-in, rotating refresh tokens, transactional event publishing, and RabbitMQ-backed notification and reminder workers.
- Added limited-data public invitations, permissioned workout photo albums, push and email notifications, and read-only operational reporting.

Technologies: Java, Spring Boot, PostgreSQL, PostGIS, Flyway, Redis, RabbitMQ, TypeScript, React Native, Expo, Next.js, Vite, TanStack Query, Cloudinary.

Website: coexr.com

Barnksforte Technologies

Abuja, Nigeria

Fullstack Engineer · Full-time

Nov 2025 – Present

Built public-sector platforms for Nigerian government agencies across financial computation, secure workflows, reporting, and operational interfaces.

PAYE Revenue Management System (PRMS) · Joint Revenue Board

- Delivered backend capabilities for nationwide employer and revenue-administrator workflows, including versioned tax bands, statutory deductions, YTD adjustments, overdue charges, and auditable calculation snapshots.
- Built interstate reconciliation and reporting APIs with indexed PostgreSQL queries, CSV/XLSX/PDF exports, jurisdiction-scoped RBAC, idempotent payment verification, and immutable audit records.

Central Land Repository Management System (CLRMS) · Federal Ministry of Housing and Urban Development

- Led frontend work for role-driven Certificate of Occupancy workflows from application and survey through payments, legal review, approval, and issuance.
- Designed OTP/JWT access flows, first-login password changes, signed requests, encrypted payload exchange, reusable data grids, server-side filtering, pagination, and a frontend architecture using TanStack Query, Redux Toolkit, and Zod.

Technologies: TypeScript, NestJS, React, PostgreSQL, TypeORM, Redis, Redux Toolkit, TanStack Query, React Hook Form, Zod, Tailwind CSS, AWS Lambda, API Gateway, SQS, S3, EventBridge, Terraform, Jest, GitHub Actions.

EXPERIENCE · CONTINUED

Rela Express

Fullstack Engineer · Contract · Remote

London, United Kingdom

Dec 2025 – Jun 2026

- Architected a multi-market logistics backend for delivery orchestration, pricing, wallets, payments, refunds, payouts, compliance, and administration.
- Integrated QoreID, Interswitch, VouchSafe, and DVLA for Nigeria and UK courier verification, with auditable results and human approval gates.
- Built race-safe courier dispatch with Socket.IO, Redis Pub/Sub, MongoDB geospatial matching, progressive search-radius expansion, cross-instance messaging, and atomic delivery acceptance.
- Designed Stripe and Paystack payment workflows with signed webhooks, idempotent ledger updates, refunds, and payouts in GBP and NGN.
- Developed BullMQ workers for email, WhatsApp, push, reminders, and iOS Live Activities, with retries, dead-letter handling, session revocation, sensitive-data redaction, and New Relic monitoring.

Technologies: TypeScript, NestJS, React, MongoDB, Redis, BullMQ, Socket.IO, Stripe, Paystack, New Relic.

Gomycode

Fullstack Software Developer Instructor

Abuja, Nigeria

Oct 2023 – Oct 2025

- Led web development training for Nigeria Air Force IT professionals, combining front-end concepts with hands-on projects; practical coding skills improved by 50% in the first month.
- Mentored more than 60 trainees and adapted the curriculum to current tools and development practices; 50% secured IT roles or advanced in their current roles.
- Conducted daily code reviews and debugging sessions, improving code quality and reducing error rates by 80%.

ACHIEVEMENTS

Hackathon winner · Google Developer Group

Built a tool to automate publishing across business social accounts.

Top 10 finalist · PipeOps hackathon

Built an AI study app for WAEC, NECO, and JAMB preparation.

Nigeria Air Force training

Led hands-on web development instruction for IT professionals.

EDUCATION AND CERTIFICATIONS

Banking and Finance

Lagos State University · 2020

Scrum Fundamentals Certified

SCRUMstudy · 2022

Responsive Web Design

freeCodeCamp · 2021

JavaScript Algorithms and Data Structures

freeCodeCamp · 2021