# IFEOLUWA ONABAJO

**Full-Stack Product Engineer · TypeScript · NestJS · React / Next.js**

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## SUMMARY

Full-stack engineer with 3+ years of professional experience, working remotely for a UK company since 2023. I work where product and engineering meet: leading refinement, turning vague requests into clear scope, and finding the gaps in a feature before they reach production. Strongest in TypeScript across the stack (React and Next.js, NestJS and PostgreSQL), with production payments (Stripe, Paystack, Flutterwave), Docker-based deployment, and automated testing. Recently moved into backend ownership in .NET and team coordination alongside frontend delivery.

## EXPERIENCE

**Frontend Engineer** · **Zustech Ltd** (Remote, UK) *Feb 2023 to present*

Learning platform (zustechlearning.com). Role has grown into backend ownership, refinement leadership and team coordination.

- **Prevented a production gap in a course approval workflow.** While leading refinement, asked how edits to an already published course would be handled. There was no backend design for it, so instructor edits could have reached learners without admin review. Now finalising a fix with the backend team: separate working and published course records, linked one to one.
- **Turned an ambiguous request into agreed scope.** A "health check" request turned out to mean analytics. Documented the technical difference between the two, which moved the discussion to common ground with the Product Owner.
- **Proposed a pre-QA backend demo** using the team's own Swagger documentation, after the Scrum Master asked how to reduce backend defects reaching QA.
- **Diagnosed and fixed a production routing issue** between the www and bare domain on the AWS-hosted platform, and wrote up the cause and fix for the Product Owner and Scrum Master.
- **Expanded into backend:** learned .NET and now review and own backend code, while supporting team coordination and Scrum ceremonies.
- Researched and documented business topics for the engineering team, including SEO and app optimisation, health checks versus analytics, and working with AI.
- Fixed performance issues and broken flows in core instructor features, contributing to a 25% reduction in load times.
- Introduced Playwright automated testing and regular cross-browser testing, reducing regressions; built reusable components that cut feature development time by about 30%.

*React · TypeScript · Ant Design · .NET (C#) · Playwright · AWS*

**Full Stack Engineer** (Contract, part-time) · **Intenttech** *Apr 2025 to Dec 2025*

- Built 25+ reusable React and TypeScript components and dashboard modules for user management and permissions.
- Improved rendering performance on data-heavy views and introduced Cypress testing, reducing production defects.

**Backend Engineer** (Volunteer) · **Gataama** *Feb 2025 to Apr 2025*

- Designed REST APIs for core platform features and wrote Swagger documentation that shortened developer onboarding.

**Frontend Engineer** (Internship) · **720Degree Innovation Hub** *Mar 2022 to Oct 2022*

- Built frontend features and mentored new developers.

## SELECTED CLIENT WORK

**Yeola Foundation** · Donation and student sponsorship platform *Ongoing*

- Built the backend and production pipeline (Docker, Traefik, PostgreSQL on a VPS). Diagnosed 504 timeouts caused by proxy routing across multiple Docker networks, plus a connection-string fault from an unescaped character.
- Built one-time and recurring donations. Worked through money flow, roles and legal questions with the owner: programme-pool donations, fees paid directly to schools after Accounts confirms bank details, and a lawyer review of privacy and terms.
- Digitising paper beneficiary registration as an installable PWA: a Field Officer role with admin approval, and photos and signatures held privately in Cloudflare R2 behind signed links.

**UK mentorship and booking platform** · Backend architecture *Client project*

- Refactored identity to a shared User table so people moving between products keep one account; passwordless login with one-time codes.
- Built Stripe Connect payouts with a configurable platform fee, Zoom meeting automation and availability management; fixed a recurring serverless PostgreSQL connection failure at the connection lifecycle level.
- Set up separate QA and production environments on their own subdomains, with CI deploys and a written deployment guide.

**Fleet ticket tracking** · UK delivery business *Ongoing*

- Asked to help a 10-driver business act on road tickets within council discount windows. Shipped a Google Sheets, Forms and Apps Script pilot first, using real ticket data, before any app.
- The pilot surfaced instalment payment-plan offers, now in scope for a multi-tenant web app with ticket OCR.

**UK drinks retailer** · E-commerce *Ongoing*

- Designing UK alcohol delivery into the product: courier choice for alcohol, single age-verified parcels for mixed baskets, and a designed return-and-refund flow when a door age check fails. Four roles from customer to admin.

## SKILLS

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|---|---|
| **Frontend** | React, Next.js, TypeScript, JavaScript, Tailwind CSS, Ant Design, Material UI, SCSS, PWA |
| **Backend** | NestJS, Node.js, Express, Prisma, PostgreSQL, MySQL, MongoDB, REST API design; .NET (C#) at work; PHP through WordPress plugin development |
| **Payments and auth** | Stripe (PaymentIntent, Connect, subscriptions, webhooks), Paystack, Flutterwave, JWT, OAuth, one-time-code login, HMAC signature verification, role-based access |
| **Delivery** | Docker, Traefik, Linux VPS administration, GitHub Actions, Vercel, AWS, Cloudflare R2, Git |
| **Testing** | Playwright, Cypress, Jest, cross-browser and functional testing |
| **Ways of working** | Agile and Scrum, refinement facilitation, written incident and decision documentation, release notes before every deployment, AI-assisted development with review and testing |

## EDUCATION

**B.Sc. Agriculture**, Second Class Upper · Federal University of Agriculture, Abeokuta *2017 to 2024*

NYSC completed 2026.