# Maurice Odo

## FULLSTACK ENGINEER

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LinkedIn Profile • GitHub Profile • Portfolio Website

TypeScript · React · Next.js · Node.js · Nest.js · REST/GraphQL · PostgreSQL · MongoDB · Prisma · Docker · Azure · CI/CD

## SUMMARY

Fullstack Engineer with 5+ years designing and shipping scalable, secure web applications across e-learning, fintech, and e-commerce for a combined 100,000+ users. Strong across frontend architecture, REST/GraphQL API design, RBAC security, and CI/CD, with deep expertise in React, Next.js, Node.js, Nest.js, and TypeScript. Led distributed teams to cut post-deployment bugs 30% and accelerate feature delivery 50%.

## CORE SKILLS

**Languages:** TypeScript, JavaScript, PHP

**Frontend:** React, Next.js, React Native, Redux Toolkit, Zustand, TanStack Query, Tailwind, MUI, shadcn/ui, Framer Motion

**Backend:** Node.js, Nest.js, Express, REST APIs, GraphQL, WebSockets

**Databases:** PostgreSQL, MongoDB, MySQL, Prisma, Mongoose, Redis

**Cloud & DevOps:** Docker, Azure, GitHub Actions, Jenkins (CI/CD)

**Testing & Monitoring:** Jest, Vitest, Sentry

**Practices:** RBAC & data encryption, Web Accessibility, SEO, Agile/Scrum, Code Reviews

## PROFESSIONAL EXPERIENCE

**Qverse E-learning — Senior Frontend Engineer** Jun 2025 – Present

*Enugu, Nigeria · React, Next.js, Nest.js, TanStack Query, TypeScript, Tailwind, Zustand*

- Architected and maintained a multi-university LMS frontend, supporting 10,000+ concurrent users across student, faculty, and administrator portals.
- Developed responsive, accessible portals with REST-integrated course registration, grade management, and payment flows.
- Delivered real-time lecture streaming, attendance tracking, and academic notifications, increasing user engagement 40%.
- Engineered CI/CD pipelines with GitHub Actions and Jenkins, enabling 20+ automated deployments per week for zero-downtime releases.
- Optimized rendering and data-fetching, cutting page load times 35% for thousands of concurrent users.

**SchooledAfrika — Frontend Team Lead** Mar 2024 – Jan 2025

*Remote — Lagos, Nigeria · React, Next.js, TanStack Query, TypeScript, Tailwind, Zustand*

- Designed the frontend architecture for a scalable LMS, cutting post-deployment bugs 30% through code reviews and enforced standards.
- Created a reusable React/Next.js component library, accelerating feature delivery 50% across the platform.
- Shipped secure server-rendered flows in Next.js, boosting performance, SEO, and data isolation across public and authenticated surfaces.
- Hardened the UI against abuse with request throttling and duplicate-submission guards, cutting duplicate transactions 90%.
- Coordinated a distributed team of 4 engineers through bi-weekly sprints, shipping releases on schedule against client goals.

**CareerEdu — CTO & Senior Fullstack Engineer** Dec 2022 – Jul 2023

*Remote — Essex, UK · Node.js, Next.js, React, MongoDB, TypeScript, Tailwind*

- Led engineering across 3 SaaS products, boosting website engagement 35% and user-satisfaction scores 20%.
- Authored REST APIs in Node.js/TypeScript with role-based access control (RBAC) and encryption at rest and in transit.
- Standardized modular React/Next.js component libraries adopted across 3 products, raising delivery speed 20%.
- Implemented real-time dashboards with React Query and WebSockets, cutting reporting latency from minutes to seconds.
- Managed 2 engineers, running sprint planning, standups, and code reviews to keep releases on schedule.

**TechUni — Web Development Faculty Lead** Jan 2023 – Jul 2023

*Remote — Lagos, Nigeria · React, Next.js, Node.js, TypeScript, MongoDB, Docker*

- Mentored 30+ junior developers in React, Next.js, and Node.js, with 80%+ reaching project-ready proficiency.
- Established structured coding workshops and streamlined onboarding, cutting new-hire setup time 40%.

**Mekanand — Frontend Developer (Intern)** Jul 2019 – Oct 2021

*Onsite · HTML, CSS, JavaScript, jQuery, MySQL, MongoDB*

- Crafted interactive UI components that lifted site performance 25%.
- Diagnosed and resolved frontend defects, reducing user-reported errors 40%.
- Integrated REST APIs and delivered responsive, cross-browser designs.

## SELECTED PROJECTS

- **GetHiredNG** — Full-stack resume builder for Nigerian job seekers with ATS-friendly templates and real-time content analysis; scaled to 1,000+ active users. React, Next.js, Node.js, TypeScript
- **Enugu Food Market** — B2G marketplace for the Enugu State government; architected the secure salary-deduction payment gateway (30% subsidy), serving 20,000+ civil servants. Node.js, Next.js, MongoDB
- **Multi-tenant E-Commerce REST API** — Microservices platform (products, cart, orders, payments) enabling developers to launch their own storefronts. Nest.js, PostgreSQL, Docker

## EDUCATION & CERTIFICATIONS

**B.A. Philosophy — University of Ibadan, Nigeria** 2014 – 2018

- Advanced Web Development — Aptech Education (2022)
- The Complete Web Development Bootcamp — Angela Yu / Udemy (2022)