EKENE OGBUANU

Full-Stack Engineer (Next.js & NestJS)

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SUMMARY

Full-stack engineer focused on building fast, reliable web apps with Next.js, NestJS, TypeScript, and MongoDB/Mongoose. I design clean architectures, ship high-impact features, and improve developer velocity through pragmatic tooling (RTK Query, CI/CD, automated tests). Currently at Workcity (since Aug 2025), delivering new product capabilities while migrating legacy code to a modern Next.js + NestJS application.

CORE SKILLS

Frontend: Next.js, React, TypeScript, Redux Toolkit & RTK Query, Zustand, Tailwind CSS, Styled Components

Backend: NestJS, Node.js, Express.js, REST & GraphQL, WebSockets, JWT/Auth, Role-based access

Data/Infra: MongoDB & Mongoose, Redis, Docker, GitHub Actions (CI/CD), Vercel

Quality: Automated testing, Code reviews, API contract testing, Performance profiling

Practices: Agile/Scrum, RFCs & ADRs, Documentation, System design, Accessibility (a11y)

EXPERIENCE

Workcity — Full-Stack Engineer

Aug 2025 – Present • Lekki / Remote

Deliver robust features across the product suite while integrating with existing code and business logic.

Lead a staged migration to a modern Next.js + NestJS application with TypeScript and modular domain layers.

Introduced RTK Query patterns and normalized caching to cut duplicate requests and improve perceived load time.

Built a Project Roadmap visualization and delivery tracker, aligning PMs and stakeholders on scope, priority, and risk.

Implemented real-time collaboration: presence & typing indicators, virtualized chat, and skeleton loading states to avoid UI glitches.

Designed MongoDB schemas (Milestones/Tasks with progressPercentage), enabling clear progress reporting and rollups per project.

Hardened the platform with input validation, RBAC guards, secure file uploads, and improved error handling & observability.

Authored migration playbooks, architecture decision records (ADRs), and onboarding docs to accelerate developer ramp-up.

VAMPAI — Full-Stack Engineer

Mar 2025 – Aug 2025 • Remote

Developed and launched the "HFM" (Hire For Me) module, enabling businesses to submit or
   generate job descriptions using an AI assistant ("Mimi"). The platform automates outsourcing
   and recruitment processes while allowing companies to track progress via a dedicated
   dashboard. Solely handled both frontend and backend development.
Built modules for candidate ranking, CV scoring, and recruiter dashboards; integrated AI
   parsing/scoring APIs.
Developed smart filtering and ranking components to surface top candidates by match score and
   priority.
Improved API efficiency and frontend state management, reducing lag on data-heavy pages.
Collaborated with ML engineers to expose actionable insights inside the recruiter interface.

MentorLed — Frontend Developer & Lead Intern

Jun 2023 – Apr 2024 • Lagos

Led a cross-functional intern team to deliver a role-based refugee management platform (Admin,
   Key Worker, Placement Staff).
Architected RBAC and reusable UI components (React + Tailwind), integrated REST APIs, and
   enforced code quality standards.

Avalonic Education — Application Specialist

Jan 2022 – Aug 2023 • Lagos

Managed and supported education technology applications; collaborated with instructors on feature
   requests and fixes.

SELECTED PROJECTS

Client/PM Chat & Project Workspace Dashboard — Real-time chat (WebSockets), virtualized
   message lists, skeleton loaders, presence/typing, milestone tracker, and file sharing. Stack:
   Next.js, RTK Query, Tailwind, NestJS, MongoDB/Mongoose.

EDUCATION

Computer Science (Distance Learning) — Covenant University • 2024 – Present
Univelcity Lagos — Frontend/Web Engineering Program
Emilio Piazza Memorial College — High School Diploma

Next.js • React • TypeScript • RTK Query • Redux Toolkit • NestJS • Node.js • Express • MongoDB •
Mongoose • Redis • Tailwind CSS • Docker • GitHub Actions