

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

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