

SOMKENE OJUKWU

Backend Engineer | Node.js | TypeScript | NestJS | PostgreSQL | Redis

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PROFESSIONAL SUMMARY

- Backend Engineer with 5 years of experience building and scaling software across EdTech, SaaS, cloud infrastructure, and marketplace platforms. Experienced in Node.js, TypeScript, NestJS, PostgreSQL, MongoDB, Redis, REST APIs, and AWS, with a strong focus on backend architecture, API performance, data processing, and reliable system design. Also experienced with React and Next.js across full stack applications.

TECHNICAL SKILLS

- Languages:** TypeScript, JavaScript (ES6+)
- Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS
- Backend:** Node.js, Express.js, NestJS, REST APIs, GraphQL, Socket.IO
- Databases:** MongoDB, PostgreSQL, MySQL
- Caching & Queues:** Redis, BullMQ
- Testing:** Jest, React Testing Library
- Cloud & Dev Tools:** AWS, S3, Docker, Git, GitHub Actions, Postman, Vercel

WORK EXPERIENCE

Alkademy | Lead Backend Engineer | Hungary (Remote)

June 2026 - Present

- Design and build backend services for a multi-tenant journal platform, working with complex datasets containing 500+ fields and developing efficient data querying and processing workflows.
- Reduced API latency by approximately 35% through database and query optimization, Redis caching, application level improvements, and moving resource intensive operations to background workers.
- Designed asynchronous job processing with BullMQ to move heavy operations out of the main request cycle, improving API responsiveness and allowing the system to handle larger workloads efficiently.
- Work with AWS services including Amazon S3, implementing secure file storage and signed URLs while integrating cloud infrastructure with backend services.
- Lead the breakdown and resolution of complex engineering problems across APIs, databases, application logic, and infrastructure, making system design decisions focused on performance, reliability, and scalability.

Tech: *TypeScript, NestJS, Node.js, Express.js, Docker, Redis, BullMQ, AWS, Amazon S3, PostgreSQL*

Beauty Butler | Senior Backend Engineer (Remote)

March 2025 - May 2026

- Increased booking completion rates by approximately 25% by redesigning the end-to-end customer booking experience, simplifying scheduling workflows, and integrating real-time availability, payments, and location-based search across three production applications.
- Reduced average API response times by approximately 35% and significantly improved page performance through database optimization, Redis caching, frontend rendering improvements, and application performance tuning, delivering a faster and more responsive user experience.
- Built and delivered the customer booking platform, concierge portal, and administrative dashboard, enabling 20+ partner businesses to manage bookings, customers, payments, and day to day operations through a unified platform
- Architected scalable backend services supporting authentication, booking, scheduling, payments, notifications, chat, and automated background workflows, providing the foundation for rapid product expansion and long-term maintainability.
- Established reusable frontend architecture, shared engineering patterns, code review practices, and technical documentation that accelerated feature delivery and improved engineering consistency across the development team.

Tech: *TypeScript, Next.js, NestJS, Node.js, Express.js, Socket.IO, Docker, Redis, AWS, MySQL*

Clouddley | Frontend Engineer | United States (Remote)

June 2023 - January 2025

- Reduced page load times by approximately 40% and improved Core Web Vitals through rendering optimization, code splitting, lazy loading, asset optimization, and Lighthouse driven performance tuning, delivering a faster and more responsive cloud platform.
- Increased organic search visibility through technical SEO improvements, structured metadata, semantic HTML, and accessibility enhancements, improving discoverability across customer facing products.
- Accelerated frontend feature delivery by architecting reusable component libraries, shared hooks, and scalable application patterns, reducing duplicate code and improving long term maintainability across multiple platform modules.
- Developed secure cloud management dashboards and authentication workflows, integrating backend services to enable developers to provision and manage applications, databases, VPS instances, and AI workloads through a unified platform while collaborating closely with product, design, and backend teams.

Tech: *TypeScript, React, Next.js, NextAuth.js, Zustand, Tailwind CSS, React Query, Vercel, GitHub Actions*

Mindera | Frontend Engineering Program | United Kingdom (Remote)

January 2023 - June 2023

- Completed an intensive frontend engineering program focused on React, Next.js, TypeScript, modern JavaScript, software architecture, and industry engineering practices through hands on project development.
- Led frontend development across collaborative team projects, translating product requirements into responsive, accessible, and maintainable user interfaces while working within Agile delivery cycles.
- Designed reusable React components and scalable frontend architecture, applying performance optimization, debugging, clean code principles, and peer code reviews to deliver production-inspired applications.

Tech: *TypeScript, React, Next.js, Jest, Zustand, JavaScript, HTML5, CSS3, Tailwind CSS, Git, Figma*

WildFire B.S Ltd | Junior Backend Engineer Intern (Remote)

June 2021 - June 2022

- Developed and maintained backend services and RESTful APIs using Node.js, Express.js, MySQL, and MongoDB, contributing to production web applications under the guidance of senior engineers.
- Implemented authentication, request validation, database operations, and business logic while improving API reliability, maintainability, and overall application stability through debugging and code enhancements.
- Collaborated within Agile development teams, participating in code reviews, API testing, technical discussions, and Git-based workflows while gaining hands-on experience with professional software engineering practices.

Tech: *JavaScript, Node.js, Express.js, MySQL, MongoDB, Git, Postman*

EDUCATION & CERTIFICATIONS

Advanced Diploma in Software Engineering (ADSE)

Aptech Computer Education

Frontend Web Development Certificate

Mindera Code Academy United Kingdom