

Ikegbulam Ugochukwu Paul

Backend Developer

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Portfolio: <https://ugochukwu.vercel.app>

GitHub: <https://github.com/ugochukwudev>

PROFESSIONAL SUMMARY

Backend Developer with 4+ years of professional experience building and maintaining scalable backend systems and APIs. Strong experience with Node.js, RESTful services, cloud infrastructure (AWS), database design, and third-party integrations. Adept at improving system performance, reliability, and maintainability while collaborating closely with cross-functional teams in fast-paced environments.

CORE TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, SQL

Backend Technologies: Node.js, Express.js, NestJS, REST APIs, GraphQL (familiar), WebSockets

Databases: MongoDB, SQL databases

Cloud & Infrastructure: AWS (EC2, S3, Lightsail), Docker (familiar), Kubernetes (familiar)

System Design & Practices: API Design, Software Testing, Agile/Scrum, Performance Optimization, Scalability, Security Best Practices

Tools & Platforms: Git, GitHub, Swagger/OpenAPI, Postman, Jira, JSON, XML

Observability: Logging, monitoring, debugging, latency analysis

PROFESSIONAL EXPERIENCE

Blockroll

Backend Lead Developer

October 2023 – Present

- Built and maintained backend services using **Node.js**, **Express.js**, **MongoDB**, and **Next.js** API routes.
- Designed and implemented RESTful APIs to support core product features.
- Integrated multiple **third-party APIs** for financial operations including bank transfers, virtual card creation, USD swaps, and token purchases.
- Managed cloud infrastructure and deployments on **AWS**, including migration from **Lightsail** to **EC2**.
- Implemented secure file and asset storage using **AWS S3**.
- Introduced backend improvements to meet non-functional requirements such as **performance**, **scalability**, **reliability**, and **observability**.
- Optimized API response times and database queries, achieving an average latency reduction of approximately 50%.
- Collaborated with frontend, product, and operations teams to ensure system stability and smooth feature delivery.
- Promoted to **Backend Lead Developer** based on consistent delivery and technical ownership.

Arewabooks

Software Developer

January 2022 – October 2023

- Developed and maintained backend APIs using **Node.js**, **Express.js**, and **Next.js**.
- Designed REST endpoints to support both web and mobile applications.
- Managed deployments, environment configuration, and infrastructure automation on **AWS**.
- Implemented secure media and document storage using **AWS S3**.
- Worked closely with frontend and mobile developers to improve API reliability and overall user experience.
- Contributed to rapid platform growth, supporting a mobile application with **10,000+** downloads.
- Promoted to **Lead Developer** due to technical contribution and reliability.

Digital Abundance

Fullstack Intern

September 2021 – December 2021

- Collaborated with engineering teams on multiple internal and client-facing products.
- Built backend-connected features using **Node.js, Nest.js and REST APIs**.
- Developed admin dashboards and internal tools using **Node.js, Express.js, and modern frontend frameworks**.
- Gained hands-on experience working with production systems and collaborative development workflows.

Playjoor

Frontend Developer (Contract)

March 2021 – April 2021

Lagos, Nigeria

- Collaborated with backend engineers to **integrate APIs** into the web application.
- Delivered MVP features within tight timelines.
- Ensured accurate **API consumption** and alignment with backend contracts.

LEADERSHIP & COMMUNITY

Techgix

Co-Founder

[Link](#)

- Co-founded a tech blog and developer community focused on sharing practical engineering knowledge.
- Created and reviewed technical content related to backend development, APIs, and cloud technologies.
- Organized learning sessions through Twitter Spaces and online meetups.

PROJECTS

Node Logger (Open Source)

[Link](#)

- Built an open-source Node.js logging tool for tracking and inspecting incoming API requests.
- Designed to improve backend observability and debugging during development and testing.
- Used in real-world projects to monitor request flows and diagnose issues.

Sendmail (Open Source)

[Link](#)

- Developed an open-source Node.js email service for handling contact form submissions.
- Built as a lightweight alternative to paid third-party email providers.
- Currently used by 30+ developers for portfolios, demos, and hackathons.

Techgix

[Link](#)

- Tech blog platform used to publish educational content for developers.

Ivara

[Link](#)

- Built and deployed a Next.js website for a UK-based tech agency.
- Implemented server-side rendering (SSR) to improve performance and **SEO**.
- Optimized page load times and ensured responsive design across devices.
- Deployed and maintained the application with production-ready configuration.

EDUCATION/Certifications

BSc. Software Engineering

Miva University

Soft Skills for Career Success

Jobberman