

Emmanuel Amos

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PROFESSIONAL SUMMARY

Full-Stack & Infrastructure Engineer with 3+ years' experience building and operating web applications and cloud systems. Proficient in C#.NET (ASP.NET Core, Entity Framework) and Typescript/JavaScript (MERN/Next.js), with hands-on experience in AWS and Docker.

Technical Skills and Tools

Front-End

- JavaScript • TypeScript
- React.js • Next.js
- Tailwind CSS
- HTML5 & CSS3

Back-End & Infrastructure

- C# • ASP.NET Core • Entity Framework
- Node.js • Express
- MongoDB (Mongoose) • SQL Server
- RESTful APIs
- AWS (Lambda, ECS, S3)

PROFESSIONAL EXPERIENCE

Systone IT (Remote)

Feb 2024 – Present

Back-End Developer (Part Time)

- Architected and launched an AWS-hosted micro services-based payment and invoicing system, serving 100+ corporate clients.
- Built automated invoice workflows (reminders, reconciliation, status tracking), streamlining billing operations.
- Implemented a purchase order and CLIN management tool to align spending with budgets.
- Delivered an interactive payments analytics dashboard with key KPIs and drill-downs, enabling data-driven insights.
- Implemented a global search across all entities with CSV export, improving data accessibility.
- Partnered directly with the CEO to define scope and deliver an MVP in 8 weeks, onboarding the first 5 pilot clients.

Yvie DODEQ (Remote)

Nov 2024 - Present

Head of Infrastructure

- Designed and deployed a secure Donation Portal (ASP.NET Core, Stripe), processing donations ~12% faster with a more secure system.
- Built a full-stack Volunteer Management App using React.js/Next.js front end and .NET Core API back end, improving event coordination efficiency by 35%.
- Launched an Online Store (ASP.NET Core, Paystack) with inventory management, raising ₦1.2 M to fund community programs.

Access Bank PLC (Lagos, Nigeria)

Jul 2024 – Jun 2025

Back-End Developer

- Launched a document-upload feature for teller operations, reducing transaction processing delays by 15%.
- Built a real-time dashboard for compliance analysts to manage flagged transactions, improving monitoring capabilities.
- Designed a multi-filter transaction search engine (with Excel export) to improve data retrieval efficiency.
- Re-architected a high-volume transfer pipeline into Dockerized micro-services, projecting ~10% annual cost savings.

The Ginger Collective (Ogudu, Lagos, Nigeria)

Jan 2023 – Jul 2024

Full-Stack Web Developer

- Delivered 6+ full-stack web applications, boosting performance by ~12%.
- Improved backend performance by 20% through optimized database schema design and ORM usage.
- Championed Agile/Scrum practices, increasing team velocity by 20% and significantly reducing rework.
- Integrated third-party APIs (payments, geolocation, SMS), boosting interoperability by 22%.

Rage Media Group (Abuja, Nigeria)

Oct 2021 – Jan 2022

Web Developer & Designer

- Migrated legacy systems to AWS cloud infrastructure, enhancing reliability by 23%.
- Optimized backend APIs, reducing page load times by 10%.

EDUCATION

Covenant University, Ota, Ogun, Nigeria

Dec 2022

B.Sc. Industrial Mathematics & Computer Science

Relevant Coursework: Algorithms & Complexity Analysis, Database Systems, Software Engineering, Artificial Intelligence

Availability: Full-time (remote); open to contract/part-time engagements.