Somto Uluabuike

https://www.emmanueluluabuike.com/ | emmanueluluabuike@gmail.com | GitHub/iTchTheRightSpot| LinkedIn/somto-uluabuike

Education

Lakehead University - Bachelor of Science in General Science
Key Courses: Data Structures, Cloud Computing, Database Management System, Computer Networks and Distributed Systems, etc.

Skills

Front End: Angular, TypeScript, Tailwind CSS.
Back End: Bash, Go, Java (Spring Boot), Node.js (ExpressJS, NestJS), PostgreSQL, MySQL.
Testing/Deployment: Jest, JUnit, Test Containers, Docker, GitHub Actions, AWS, Hetzner

Experience

S.EJ.U Development   Jan 2025 – Present | Toronto, ON, Canada
Full Stack Developer   Angular | Go | Python | PostgreSQL |AWS
- Developed **Speak,** a Chrome extension that aids language learning by converting text to speech with synchronized word highlighting.
- Translated Figma prototypes into reuseable, responsive, and accessible UI components.
- Implemented interservice communication between Go and Python microservice.
- Optimized API performance by applying aggressive timeouts and refining SQL queries with targeted indexing, reducing response times to under **50ms**.
- Implemented secure, scalable OAuth-based authentication and authorization, supporting real-time access for **20+** active users.

Fardelins   June 2024 – Feb 2025 | Abuja, Nigeria
Software Developer   Angular | NestJS | PostgreSQL
- Upgraded the Courier Dashboard from Angular 15 – 18, migrated state management from RxJS/NGRX to Signals and NGRX signal store, implemented new UI features based on Figma prototypes, and built reuseable components to improve development efficiency and scalability.
- Integrated drag-and-drop document upload for Corporate Affairs Commission (CAC) verification, Google Maps API for real-time package tracking and address selection, significantly enhancing the customer experience.
- Improved application responsiveness by **90%** and reduced page load time by **20%** through lazy loading, and design pattern optimization whilst following WCAG accessibility guidelines.
- Redesigned customer registration flow and introduced in-memory caching for high-frequency queries, cutting backend API latency from over **500ms** to under **50ms** and reducing infrastructure costs.

Lakehead University   Sept 2023 – Apr 2024 | Thunder Bay, ON, Canada
Full Stack Developer Intern (Capstone Project)   Angular | Java (Spring Boot) | MySQL | AWS EC2
- We developed a production-ready e-commerce application with features like inventory management, multi-currency support, authentication & authorization, and third-party integration.
- Engineered inventory management using session cookies; improved API performance by **25%** through caching, multithreading.
- Implemented OAuth-base authentication & role-based access control with Spring Security to support over **100** students.
- Integrated AWS S3 for static data storage, Paystack for secure payments and Discord for real-time monitoring; achieved **90%** test coverage with TDD using JUnit and Test Containers.
- Automated CI/CD pipelines via custom bash scripts, GitHub actions, and AWS (ECR, EC2), improving dev efficiency by **100%**.
- Collaborated via Trello, documented using UML diagrams, and presented project outcomes through YouTube demos.

Projects

Reservation Application   Angular | Go | PostgreSQL | Dec 2024 – Feb 2025
- Built a timezone-independent reservation system with multi-service booking, real-time notifications, and access controls.
- Implemented role- & permission-based authentication with secure session management using cookies.
- Designed business logic for conflict-free scheduling, recurring availability, and soft deletion of linked data.
- Integrated Stripe for invoice generation and online payment processing; achieved **90%** test coverage using Test Driven Development.

System Administrator   Jan 2023 – Present
- Managed and secured AWS EC2 instances using Docker, Nginx (as reverse proxy), and UFW firewalls.
- Implemented SSH key authentication and restricted port access to harden server security.
- Integrated Cloudflare to mask IP addresses and mitigate DDoS attacks.
- Designed an isolated Docker network architecture to tightly control inter-service communication.