

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, NGINX, Docker, GitHub Actions, Cloudflare, AWS, Hetzner

Experience

S.E.J.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 reusable, responsive, and accessible UI components.
- Implemented interservice communication between Go and Python microservice.
- Reduced API response times to under **50ms** by optimizing SQL queries with targeted indexing and applying aggressive timeouts.
- 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 reusable 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.
- Cut backend API latency by **30%** by redesigning customer registration flow and adding in-memory caching for high-frequency queries.

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 and 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; applied Test-Driven Development (TDD) to achieved over **90%** test coverage 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 JWT-based authentication and 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

AWS EC2 | 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.