Somto Uluabuike

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Education

Lakehead University - Bachelor of Science in General Science 05/2024
Relevant Courses: Data Structures, Operating Systems, Cloud Computing, Big Data, Database Management, Computer Networks and Distributed Systems.

Skills

Languages: Bash, Go, Java, Python, TypeScript, SQL
Frameworks/Database: Tailwind CSS, Angular, Spring Boot, ExpressJS, NestJS, PostgreSQL, MySQL.
Testing/Deployment: Jest, JUnit, Mockito, Test Containers, Nginx, Docker, Git, GitHub Actions, Cloudflare, AWS (ECR, EC2)

Experience

S.EJ.U Development   Jan 2025 – Present | Toronto, ON, Canada
Founder/Full Stack Developer   Angular | Go | Python | PostgreSQL | Docker |AWS
- Building **Speak,** a browser plugin that aids language learning by converting text to speech with real-time word highlighting.
- Converted Figma designs into accessible, reuseable, and responsive Angular components adhering to **WCAG** standards.
- Implemented secure, scalable OAuth-based authentication, enabling concurrent user access with real-time session management.
- Developed low-latency, type-safe communication between Go and Python microservices using **gRPC**.

Fardelins   June 2024 – Feb 2025 | Abuja, Nigeria
Full Stack Developer (Contract)   Angular | NestJS | PostgreSQL
- Led the upgraded of Courier Dashboard from Angular 15 – 18 and migrated state management from RxJS/NgRX to NgRX signal store.
- Translated Figma prototypes into reuseable, responsive UI components, adhering to **WCAG** accessibility guidelines.
- Built a drag-and-drop feature for Corporate Affairs Commission (CAC) verification document upload.
- Enhanced Google Maps integration for real-time package tracking and intuitive address selection.
- Redesigned customer registration flow improving API performance and reduced costs.
- Collaborated with developers to enhance session management and integrate Google OAuth2 authentication, strengthening security.

Lakehead University   Sept 2023 – Apr 2024 | Thunder Bay, ON, Canada
Full Stack Developer Intern (Capstone Project)   Angular | GraalVM | Java (Spring Boot) | Docker | MySQL | AWS
- We developed a production-ready e-commerce application with inventory management, multi-currency support, etc.
- Integrated AWS S3 (static files storage), Paystack (secured payments) and Discord (real-time alerts).
- Engineered inventory management using session cookies; improved API performance through caching and multithreading.
- Implemented OAuth-base authentication & role-based access control with Spring Security to support over **100** students.
- Applied Test-Driven Development (TDD) to achieved over **90%** test coverage using JUnit and Test Containers.
- Streamlined CI/CD by automating Docker-based deployments to EC2 with custom Bash scripts and GitHub Actions.
- Collaborated via Trello, documented using UML diagrams, and presented project outcomes through YouTube demos.

Projects

Utility (Open-Source Library)   Go | April 2025 – Present
- Developing a modular Go library featuring reuseable components for logging, request parsing, error handling, etc.

Revive Hair Studio   Angular | Go | PostgreSQL | Dec 2024 – Feb 2025
- Built a timezone-agnostic reservation application with multi-service booking, real-time notifications, and access controls.
- Implemented OAuth2 authentication with cookie-based session management, supporting role- & permission-based access control.
- 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   Nginx | Docker | GitHub Actions | AWS | Jan 2023 – Present
- Manage an AWS EC2 instance using Docker, Nginx (as reverse proxy), and UFW firewalls.
- Implemented SSH key authentication and restricted port access to harden server security.
- Implemented an isolated Docker network to tightly control and limit inter-service communication to only necessary containers.
- Integrated Cloudflare to mask IP addresses and mitigate DDoS attacks.