Somto Uluabuike

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Education

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

Skills

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

Experience

S.EJ.U Development   **Jan 2025 – Present | Toronto, ON, Canada**
Full Stack Developer   Angular | Go | Python | PostgreSQL | Docker |AWS
- Building **Speak,** a Chrome extension that aids language learning by converting text to speech with synchronized word highlighting.
- Translated Figma prototypes into reuseable, responsive, and WCAG-compliant UI components.
- Implemented secure, scalable OAuth-based authentication and authorization, supporting real-time access for **20+** concurrent users.
- Reduced API response times to under **3secs** by applying aggressive timeouts, tuning SQL queries, and targeted table indexing.

Fardelins   **June 2024 – Feb 2025 | Abuja, Nigeria**
Full Stack Developer (Contract)   Angular | NestJS | PostgreSQL
- Upgraded the Courier Dashboard from Angular 15 – 18; 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.
- Reduced page load times through aggressive lazy loading and architectural optimization.
- Cut backend API latency by redesigning customer registration flow and introducing in-memory caching for high-frequency SQL queries.

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, authentication & authorization, and third-party integration.
- Engineered inventory management using session cookies; improved API performance through in-memory caching and multithreading.
- Implemented OAuth-base authentication & role-based access control with Spring Security to support over **100** students.
- Integrated AWS S3 (static files), Paystack (secured payments) and Discord (real-time alerts)
- Applied Test-Driven Development (TDD) to achieved over **90%** test coverage using JUnit and Test Containers.
- Improved deployment efficiency through automated CI/CD using custom bash scripts, GitHub actions, and AWS.
- 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   **Nginx | Docker | GitHub Actions | AWS | Jan 2023 – Present**
- Manage and secure 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.