

Somto Uluabuiké

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Education

Bachelor of Science in General Science, Lakehead University | 05/2024

Key Courses: Data Structures, OOP, Cloud Computing, Database Management System, Intro to Computer Architecture, Operating Systems, Topics Artificial Intelligence, Cryptography Network Security, Computer Networks and Distributed Systems, Big Data.

Skills

Languages: Java, TypeScript, Go, SQL.

Other: Tailwind CSS, Angular, Spring Boot, ExpressJS, Git, Docker, Nginx, Linux, MySQL, PostgreSQL, AWS, and Hetzner.

Experience

S.E.J.U Development

Founder/Full Stack Developer | Jan 2025 – Present | Toronto, ON

- Developed a Chrome extension, **Speak**, to aid language learning by converting text to speech with synchronized word highlighting, using Angular, Python, and Go.
- Engineering a full stack **reservation** application with Angular, Go, and PostgreSQL, streamlining operations for companies, with features like customer bookings (time-zone handling), automated scheduling, income/invoice dashboard and more.

Fardelins

Software Developer (Contract) | July 2024 – Feb 2025 | Abuja, Nigeria

- Collaborated with the team members to upgrade and enhance the Courier Dashboard from Angular 15 to 18.
- Designed and implemented a streamlined company and customer registration process, reducing costs and enhancing UX.
- Introduced in-memory caching for frequently requested database responses, resulting in faster API response times.
- Led the development of Internal Developer dashboard in Angular 18 for a brief period.
- Liaise with Product Development team to implement new features based on Figma prototypes.

Lakehead University

Full Stack Developer Intern | Sept 2023 – Apr 2024 | Thunder Bay, ON

- Led the development of a production ready e-commerce application (**production-store**, **production-crm**) as part of my Capstone project, using Angular, Java 21, GraalVM, Spring Boot, and MySQL.
- Engineered multi-currency functionality to process transactions and display prices based on user preferences.
- Implemented Role-Based Access Control, and JWT-based authorization for secure user authentication.
- Implemented advanced inventory management using session cookies to prevent inventory race-conditions.
- Improved API responses by 15% through multi-threaded data retrieval from AWS S3 and in-memory caching.
- Integrated Paystack for secure payment processing across multiple currencies and set up a Discord private channel for real-time application logs and monitoring.
- Automated testing and deployment pipelines using AssertJ, JUnit, Testcontainers, GitHub Actions, Docker, and AWS, ensuring a robust CI/CD.
- Manage project tasks via Trello, documented database schema with **UML** diagrams and provided regular application progress on [YouTube](#).

Projects

Virtual Private Server (VPS) | Jan 2023 – Present

- Applying knowledge gained in Computer Networks & Distributed Systems coursework, I manage a Virtual Private Server (VPS) to host various hobby projects.
- Utilized Docker to streamline service management, running NGINX to proxy requests to appropriate services.
- Integrated Cloudflare for IP-address masking, and to prevent Denial of Service Attack (DDoS). Also implemented strict security protocols, by setting up firewalls via ufw only exposing required TCP/UDP, and SSH ports.

Cloud Computing Coursework Final Project (FireStrike) | Sept – Dec 2021

- Collaborated with two computer science classmates to design and deploy a photography portfolio website for a hypothetical client, using HTML, CSS, JavaScript, Apache HTTP Server, and AWS EC2.
- Leveraged AWS EC2 for scalable compute capacity and minimal downtime, configuring the server via PuTTY for updates and management.