

OSA IKHINMWIN

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I am not content to simply learn about technology, I am driven to apply my knowledge and innovate, to develop solutions that have real-world impact.

EDUCATION

Honours Bachelor of Computer Science, University Of Ottawa September 2020 - April 2024
3rd Year Computer Science Student, currently seeking a 4 month internship beginning in May.

SKILLS

Languages	Python, Java, Typescript, JavaScript, GO, HTML/CSS, PostgreSQL
Technologies	Angular, ExpressJS, GraphQL, REST, Docker, Firebase, Git/Github, Microsoft Office
Soft Skills	Team Player, Time Management, Detail Oriented, Independent Achiever, Effective communication
Relevant Courses	Software Design and Architecture, Software Requirements Analysis, Data Structures and Algorithms, Database Management Systems, Web Development, Object-Oriented Programming
Extra-Curricular	Volunteered at the church IT department, Environmental Conservation Club, Soccer, Photography

PROJECTS

Byblos - Vehicle Service Android App (December 2021)

- Built a **full-stack** app with functionality for all user types (**Admin, Branch Manager, and Customer**)
- Implemented **account registry** and **Firebase database** integration for user authentication
- Created **admin commands** to allow Admins to create and manage company-wide vehicle-related services
- Implemented "Manage Working Hours" feature for Branch Managers using Java, XML, and Firebase.
- Designed **UML** class diagrams to effectively communicate the design and implementations of the software

Teaching Assistant Management Systems (TAMS) (November 2022)

- Collaborated with stakeholders to anticipate needs and create product requirements.
- Created **user stories** clear requirements and acceptance criteria for developers.
- Participated in **Scrum** meetings and product sprints in a leadership role.
- Produced a **Software Requirements Specification (SRS)** that includes useful attributes and traceability information using **HELIX ALM**

Pharmacy Management System (December 2022)

- Developed an **Angular** application for the recording and tracking of patients' medical prescriptions.
- Created a **RESTful Web Service API** using **Springboot** backed by an **SQL Database**
- Added a **JSON Web Token (JWT)** based authentication and authorization to a REST API
- Updated the Angular Client Application that consumes the APIs
- Encapsulated application in **Docker/Docker Compose** for easy deployment across various environments.

Furniture Ecommerce Store (January 2023)

- Built the **Frontend** of an e-commerce store using **Angular/TypeScript, Express.js, and Stripe**
- Used **Angular material** and **Tailwind CSS** to structure the UI and integrated store API into the app
- Built a checkout, and integrated Stripe for payment processing

EXPERIENCE

Peer Programming Tutor Sep 2022 - Present
University of Ottawa *Ottawa, ON*

- Utilized my verbal and written communication skills by assisting students with introductory python classes.
- Assisted with technical issues related to computer systems, hardware, and software, addressing system and user inquiries, which led to a **40%** improvement in student grades