

# OSA IKHINMWIN

<https://osaaa.github.io/personal-website/>

+1(437) 214-7633 ◇ [osaikh@outlook.com](mailto:osaikh@outlook.com) ◇ [linkedin.com/in/osaaa](https://www.linkedin.com/in/osaaa) ◇ [github.com/osaaa](https://github.com/osaaa) ◇ Ottawa, ON

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

National Society Of Black Engineers

## SKILLS

<b>Languages</b>	Python, Java, Typescript, JavaScript, GO, HTML/CSS, PostgreSQL, MySQL
<b>Technologies</b>	React, NextJS, Angular, ExpressJS, GraphQL, REST, Docker, Firebase, Git/Github, Microsoft Office
<b>Soft Skills</b>	Team Player, Time Management, Detail Oriented, Independent Achiever, Effective communication
<b>Relevant Courses</b>	Software Design and Architecture, Software Requirements Analysis, Data Structures and Algorithms, Database Management System, AWS Certified Cloud Practitioner (Currently Auditing)

## EXPERIENCE

### Web Developer

(January 2023)

Self-Employed

Ottawa, ON

- 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

### Peer Programming Tutor

(Sep 2022 - Present)

University of Ottawa

Ottawa, ON

- Assisted 10+ students in improving their grades by 1-2 letter grades through personalized tutoring sessions.
- Developed customized learning plans for students struggling with complex coding concepts, resulting in a 100% success rate

## 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** with clear requirements and acceptance criteria for developers.
- Led **Scrum** meetings and product sprints.
- 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.

## EXTRA-CURRICULAR ACTIVITIES

### Environmental Club - Vice President

Port Harcourt, Nigeria

- Successfully organized and led clean up of the high school campus environs twice a week as part of our cleaner campus campaign.
- Responsible for leading workshop trainings on climate change initiatives during club meetings.