

# JOSEPHINE BONSU

bonsujosephine29@gmail.com | (416) 786-0143 | [linkedin.com/in/josephineobonsu](https://www.linkedin.com/in/josephineobonsu) | [github.com/bonsujo](https://github.com/bonsujo)

## EDUCATION

### McMaster University

Bachelor of Technology, Software Engineering Technology

Hamilton, ON

Dec 2025

**Relevant Coursework:** Advanced Web Development, Project Management, Computer Security, Software Requirements and Specifications, Artificial Intelligence and Machine Learning

### Mohawk College

Business Management Certificate, Business Management

Hamilton, ON

Dec 2025

### Sheridan College Institute of Technology and Advanced Learning

Advanced Diploma, Software Development and Network Engineering

Brampton, ON

Apr 2023

**Relevant Coursework:** User Design, User Interface, Web Programming and Development, Mobile Web-Based Applications, Database Management, Cloud Systems

## PROFESSIONAL EXPERIENCE

### Ontario Public Service

Web Developer Co-op

Toronto, ON

May 2024 – Aug 2024

- Developed and deployed web parts using **SharePoint Online** and **SharePoint Migration**
- Gained hands-on experience with **Go**, **Vue.js**, and **Docker** to troubleshoot and fix website bugs.
- Collaborated in a cross-functional team of **10+**, participating in Agile sprint meetings and refining communication and teamwork skills
- Contributed by identifying and addressing website issues, optimizing performance, and ensuring seamless integration of web components

## PROJECTS

### Voya

- Built an AI-driven travel planner using **Next.js**, **React**, and **TypeScript** to generate personalized itineraries based on user preferences, budget, and travel dates
- Integrated **Google Maps API** for attraction and accommodation suggestions and **OpenWeather API** for real-time weather forecasts
- Designed a responsive and interactive UI with **Tailwind CSS** and **Framer Motion**, featuring smooth animations and a step-by-step questionnaire
- Developed a dynamic backend with **Node.js** and **MongoDB** to efficiently store and retrieve user itinerary data

### Online Blood Bank

- Collaborated with a team of **4** in planning, developing, and testing an application using **Spring Boot**, **Angular**, and **RESTful APIs**
- Conducted user testing with **20+** users, incorporating feedback to improve **UI/UX**, resulting in a **25%** increase in user satisfaction scores
- Designed an intuitive and user-friendly UI with **Bootstrap**, implementing responsive layouts that increased mobile user engagement by **40%**
- Utilized **JWT** for secure authentication and **MongoDB** for efficient data storage and management

## SKILLS

- Languages:** JavaScript, HTML5, CSS3, Python, SQL
- Tools/Software:** GitHub, Microsoft Office, Google Suite, SharePoint, Confluence, Jira, MongoDB, MySQL, Redis, Docker, Visual Studio Code, Microsoft Excel
- Frameworks & Libraries:** React, Angular, Node.js, Next.js, Spring Boot