

ANTHONY LE

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SKILLS

Programming Languages: Python, Java, HTML, CSS, JavaScript, TypeScript, Prolog, Go, XML, SQL, C#, C++

Frameworks: Angular, Jasmine, Karma, Node.js, Maven, React.js, React Native, Express.js, Springboot, React Redux, Redux Saga, MVC, Entity Framework, Axios, MudBlazor.

Developer Tools: Git, Bash, GitHub, Jenkins, PostgreSQL, Android Studio, Firebase, Postman, JIRA, Docker, Kubernetes, VsCode, Vistual Studio, Notepad++, Eclipse, Cursor

EDUCATION

University of Ottawa

Bachelor of Science, Computer Science Honors (3.90/4.00 GPA)

Ottawa, ON

Sep. 2022 - Dec. 2026

- **Activities:** Logistics Team Leader of uOttahack VII, Community Coordinator of uOttahack VI.
- **Relevant Coursework:** Introduction to Computing I and II (**Python | Java**), Introduction to Software Engineering, Data Structures and Algorithms (**Java**), Design and Analysis of Algorithms, Introduction to Data Science, Computer Architecture, Analysis and Design of User Interfaces (**React**), Databases I (**HTML | CSS | JavaScript | React | Node.js | Express.js | PostgreSQL**)

WORK EXPERIENCE

Full-Stack Developer Intern

University of Ottawa

Ottawa, ON

January 2025 - Present

- Spearheaded the migration of legacy API services to a modern stack and built interactive mobile components for the co-op app using **React Redux, React Native, Axios, and TypeScript**, enhancing app performance and usability for over **3,000** students and administrators.
- Designed and implemented RESTful APIs using **ASP.NET Core**, defining endpoint architecture and data contracts to support scalable feature development across mobile and web clients.
- Overhauled the UI for uOttawa's co-op directory using **MudBlazor and C#**, introducing advanced sorting and autocomplete functionalities, which significantly improved navigation and accessibility for end users.

Software Engineering Intern

Canada Revenue Agency

Ottawa, ON

September 2023 - August 2024

- Enhanced the usability and accessibility of the Webform Factory project by leveraging **Angular Material**, helping modernize government-facing web systems and improve user experience.
- Developed robust and scalable components and pages using **Angular, TypeScript, SQL, Spring Boot, and Java**, enabling seamless integration between front-end interfaces and back-end services.
- Streamlined testing workflows by implementing black-box testing strategies with **Jasmine.js, Karma.js, and TypeScript**, reducing unit test execution time by **10%** and improving maintainability of Angular components.

Director of Logistics

uOttahack

Ottawa, ON

March 2024 - Present

- Spearheaded logistics for **Ottawa's largest hackathon**, coordinating food, accommodations, and merchandise for over **850 participants**, resulting in a 96% satisfaction rate based on post-event survey feedback.
- Supervised and supported a cross-functional logistics team, **promoting task completion and adaptability** to resolve real-time challenges, contributing to the event running on schedule with minimal disruptions.
- Led planning and execution of core logistical operations, including **meal services, floor layouts, organizer scheduling, and prize procurement**, reducing setup time by 20% compared to previous years.

PROJECTS

Q PPPTAILORINGCOURIER - (React.js | JavaScript | TypeScript | Python | HTML | CSS | HuggingFace | Amazon EC2 | OpenAI)

Front-End Webstore with AI Chatbot

- Designed and deployed a fully responsive fashion-tailoring e-commerce site, replicating real-world online retail experiences to showcase modern web development practices.
- Applied UI/UX principles to implement an intuitive and visually engaging interface.
- Developed modular, reusable components using **React.js, JavaScript, HTML, and CSS**, improving development speed and maintainability.
- Built and integrated an AI-powered chatbot using **OpenAI's API, Python, and HuggingFace Spaces**, hosted via **Amazon EC2**, enabling natural language interactions for personalized outfit recommendations.

Q Hotel Reservation App - (HTML | CSS | JavaScript | SQL | React | Express.js | Node.js)

Full-Stack Website

- Created fully responsive and interactive client and admin pages using **HTML, CSS, and JavaScript** to showcase hotels and users.
- Built a robust backend with **Express.js** and **Node.js**, enabling dynamic display, updates, and deletion of information from the application's database.