ANTHONY LE

anthonykhle@gmail.com | (613) 203-2505 | linkedin.com/in/anthonykhle/

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
Ottawa, ON

Bachelor of Science, Computer Science Honors (3.70/4.00 GPA) 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

Programmer Analyst Intern
Ottawa, ON

University of Ottawa January 2025 - Present

- Engineered and optimized full-stack **C#** services for the University of Ottawa's co-op work report platform, enhancing system efficiency and maintainability.
- Spearheaded the migration of API services and developed dynamic components for the university's mobile co-op app using **React Redux, React Native, Axios, and TypeScript**, improving app performance and usability.
- Revamped the UI of uOttawa's co-op directory using **MudBlazor and C#**, integrating advanced sorting and autocomplete features to enhance user experience and accessibility.

Software Engineering Intern
Ottawa, ON

Canada Revenue Agency September 2023 - August 2024

- Leveraged **Angular Material** to enhance the usability and accessibility of the Webform Factory project, contributing to the modernization of government technology systems.
- Built robust components and pages utilizing **Angular, TypeScript, SQL, Spring Boot, and Java**, ensuring seamless integration across the tech stack.
- Tested and maintained Angular components with Jasmine.js, Karma.js, and TypeScript, streamlining testing processes and reducing unit-testing time by **10%** through the adoption of **black-box testing techniques.**

Director of Logistics
Ottawa, ON

uOttaHack March 2024 - Present

- Spearheaded logistics for **Ottawa's largest hackathon**, providing food, accommodations and merchandise for **850+ participants**.
- Supervised and supported team members, **ensuring task completion and team flexibility** while also facilitating **problem-solving** to address logistical challenges.
- Led key logistical aspects of the three-day event, including **food provisions, floor planning, organizer scheduling, and prize procurement.**

PROJECTS

⌂ PPPTAILORINGCOURIER - (React.JS | JavaScript | TypeScript | Python | HTML | CSS | HuggingFace | Amazon EC2 | OpenAI)
Front-End Webstore with AI Chatbot

- Developed a fully responsive front-end webstore replicating a fashion e-commerce and tailoring service platform.
- Designed and implemented a modern, interactive user interface by applying core UI/UX principles, enhancing user engagement.
- Built and integrated reusable components using **JavaScript, HTML, CSS, and React.js** to create a seamless front-end experience.
- Engineered, deployed, and optimized a fashion-focused AI chatbot using **OpenAI's API, Python, and Hugging Face Spaces**, with robust API endpoints developed in **TypeScript**.

⌂ 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.