

# Jimit Rawal

437 - 263 - 1034 | [jimit.rawal@torontomu.ca](mailto:jimit.rawal@torontomu.ca) | Mississauga, ON | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## EDUCATION

**Honors Bachelor of Science in Computer Science, Co-op - Cybersecurity Minor**

Toronto, ON

Toronto Metropolitan University

Sept 2023 - Apr 2028

**Relevant Courses:** Python Fundamentals & Algorithm Design, Java & Object Oriented Design, Computer Architecture, Linear Algebra, Probability & Statistics, Data Structures & Algorithm, Introduction to Unix, C, C++

## TECHNICAL SKILLS

<b>Languages:</b>	Python, Java, JavaScript, Bash, C, C++, HTML, CSS
<b>Libraries/Frameworks:</b>	React.js, Node.js, Bootstrap (SASS)
<b>Technologies/Tools:</b>	GitHub, Linux, Visual Studio Code, LLM, RAG, OpenAI, Postman, Spyder
<b>In progress:</b>	AWS Cloud Fundamentals Certificate. SQL, Docker, Vue.js

## EXPERIENCE

**Project: Human City**

Toronto, ON

A.I. Developer Intern

May 2024 - Aug 2024

- Developed and integrated a chatbot using Large Language Models (**LLM**) and Retrieval-Augmented Generation (**RAG**) at Project: Human City, leveraging **OpenAI** to enhance user interaction and information retrieval accuracy.
- Implemented data ingestion pipelines with **LlamaIndex** to parse, embed, and store unstructured text data in a vector database, **Pinecone**.
- Optimized vector storage and retrieval processes to achieve efficient chatbot response time and enhanced accuracy in relevancy.

**Canadian Contractor Services**

Toronto, ON

Lead Front-End Developer

Feb 2024 - May 2024

- Designed and implemented the official [website](#) for Canadian Contractor Services, using **HTML**, **CSS**, **SASS**, **Javascript**, and **Bootstrap** framework.
- Conducted thorough testing - debugging to ensure **100%** responsiveness and user-friendliness across all browsers and devices by improving accessibility and implementing mobile optimization.
- Enhanced website performance, SEO, and accessibility by implementing responsive **UI/UX web design** best practices, resulting in a **27%** improvement in mobile performance and a Lighthouse score of **90+** in these categories.

## PROJECTS

[Weather Now](#) | *Javascript, HTML, CSS*

- Integrated an **API-driven Javascript** web-platform allowing users to search for current weather conditions in any city, including temperature, humidity, and wind speed.
- Leveraged a browser geolocation feature which automatically fetches and displays live weather data for the user's current location.
- Designed a dynamic and responsive interface using **HTML** and **CSS** that adjusts weather visuals in real-time based on current conditions and the time of day, delivering contextually relevant updates.

**Uber Application Backend System** | *Java, OOP*

- Developed a command-line Uber-like transit back-end application in **Java** using **OOP** principles, facilitating seamless ride sharing and delivery services.
- Designed a vigorous system for managing service requests, resulting in efficient pick-up and drop-off tasks.
- Enabled a mutual validation functionality where users and drivers can confirm ride and food delivery requests.