

Jimit Rawal

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EDUCATION

Honors Bachelor of Science in Computer Science, Co-op - Cybersecurity Minor
Toronto Metropolitan University

Toronto, ON
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

Languages:	Python, Java, JavaScript, Bash, C, C++, HTML, CSS
Libraries/Frameworks:	React.js, Node.js, Bootstrap
Technologies/Tools:	GitHub, Linux, Visual Studio Code, LLM, RAG, OpenAI, Postman, Spyder
In progress:	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**, significantly enhancing data retrieval speed.
- 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**, **Javascript**, **Bootstrap**, and **SASS** framework.
- Achieved **100% cross-browser compatibility and responsiveness** and ensured full mobile optimization, resulting in a **36%** improvement in mobile user engagement and a **25%** decrease in website bounce rates.
- Enhanced website performance, SEO, and accessibility by implementing responsive **UI/UX** 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**, **CSS** that adjusts weather visuals in real-time based on current conditions and time of day, optimized for both **desktop** and **mobile** devices.

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.