

# JATIN MEHTA

Toronto, Ontario

📞 REDACTED ✉️ [jatin.mehta@uwaterloo.ca](mailto:jatin.mehta@uwaterloo.ca) [in /in/jatin-r-mehta](https://www.linkedin.com/in/jatin-r-mehta) [github.com/exoceus](https://github.com/exoceus) [jatinrmehta.com](https://jatinrmehta.com)

## EDUCATION

### University of Waterloo

Bachelor of Computer Science (Co-op) - Major GPA - 3.9/4.0

2021 – 2026 (Expected)

Waterloo, Canada

## SKILLS

**Languages:** JavaScript, Python, TypeScript, C, C++, C#, SQL, GraphQL, HTML, CSS

**Technologies:** React, React Native, MongoDB, Node.js, Docker, Kubernetes, Flask, WebSockets, PyTorch

**Tools:** Git, GitHub, Linux, AWS (S3, EC2), Google Cloud, Android Studio, Unity, Heroku, LaTeX, Figma

## EXPERIENCE

### Geotab Inc.

Software Developer Co-op (Data Platform Team)

(In progress) September 2023 – April 2024

Toronto, ON

- Leveraged **Puppeteer** and **Jest** to prototype an E2E testing pipeline used to determine uptime.
- Used **Docker** and **Kubernetes** to deploy **Java (Spring Boot)** and **Node.js** services to Google Cloud.

### Cradle Technologies Inc.

Software Engineer Co-op (Backend)

January 2023 – April 2023

Toronto, ON

- Led development of Web3 authentication for a Unity game with **20,000+ pre-registered users** using **C#**, **WebSockets** and deep linking to a **React Native** Android app.
- Spearheaded the development of an automated **load testing** service using **k6.js** and **Digital Ocean**.
- Implemented **Gunicorn** and connection pooling for **RabbitMQ** to handle **10,000+** concurrent users.

### Cradle Technologies Inc.

Software Engineer Co-op (Full Stack)

May 2022 – August 2022

Toronto, ON

- Worked extensively on the core **Flask** server and **MongoDB** database which were used in demos to raise **\$4M**.
- Built an authentication microservice in-house using **Node.js** and **Express.js** which leveraged cryptography to securely store and interact with private keys of over **14,000 accounts** saving **\$50,000+** every year.
- Implemented core logic for a **React (TypeScript)** Chrome extension which grew from 0 to **8000+ users**.
- Wrote **40+** unit tests using **PyTest** and deployed through **GitHub Actions**, resulting in **20% less downtime**.

### Royal Bank of Canada (RBC)

Software Development Intern

July 2021 – August 2021

Remote (Toronto, ON)

- Recognized as one of **two top** tech contributors in the Summer Tech Labs intern program.
- Designed and developed an internal business tool to simplify Agile retrospectives by working with **React**, **TypeScript**, **WebSockets**, **SQL** and **Strapi (CMS)**.
- Conducted user interviews and using Agile methodology, tackled bugs/features to increase adoption **across the 10+ Agile development teams**.

### Zappos Family of Companies

Summer Intern (Machine Intelligence Team)

July 2021 – August 2021

Remote (Las Vegas, NV)

- Developed a pipeline using **Python**, **Blender** and **AWS EC2** to generate 3D models used for Augmented Reality (AR) features which were released to **over 1 million users**.

## PROJECTS

**OppHub** [🔗](#) | [GitHub](#) | React, Node.js (Express), MongoDB, Firebase, Google Analytics, AWS S3

- Developed an online portal for high school students to browse over 500 opportunities which was used by **over 10,000 unique visitors**.