

DEEP PARMAR

☎ 647-774-9546 | ✉ d5parmar@uwaterloo.ca | [in deepparmar02](https://www.linkedin.com/in/deepparmar02) | [github deepparmar02](https://github.com/deepparmar02)

EDUCATION

University of Waterloo, Bachelor of Computer Science with Co-op

Sep 2020 – Apr 2025

Relevant Courses: Distributed Systems, Artificial Intelligence, Operating Systems

GPA: 3.9/4.0

EXPERIENCE

Boosted.ai | Software Engineer Intern

May 2024 – Aug 2024

- Developed full-stack features to enhance portfolio workflows for **100+** investment managers at leading hedge funds
- Implemented a data chunking algorithm using **Python** and **gRPC** microservices to optimize portfolio import, by prioritizing recent data chunks and performing real-time calculations, enabling users to view their portfolio **90%** faster
- Built an **AI-driven** commentary feature that enables users to generate and export detailed portfolio insights against market benchmarks, index funds and specific sectors with just a single click, saving users **2+ hours/day**
- Reduced autocomplete search retrieval times by **30%** through TTL caching and parallelizing data fetching and aggregation

Super.com | Software Engineer Intern

Sep 2023 – Dec 2023

- Led a full-stack project using **TypeScript**, **React**, and **NodeJS**, achieving a **100% reduction** of customer service calls related to cancellations by implementing seamless subscription cancellations within the app
- Developed a \$1 authorization check using **Python**, filtering fraudulent cards and boosting conversion rates by **8%**
- Enhanced subscriber benefits by implementing 2X rewards and cashback features, resulting in a **15% uptick** in subscribers
- Wrote **SQL** queries to alert suspicious user activities, like multiple reward claims in a single day, enhancing data security

TD Bank | Software Engineer Intern

Jan 2023 – Apr 2023

- Implemented and launched an accessibility chrome extension using **OpenAI**, meeting accessibility needs for **9000+ users** enabling easy text definition and summarization on any webpage, with the innovation **approved for patent**
- Developed end-to-end automated tests using **Cypress** testing tool, resulting in a **30% reduction** to manual testing
- Won **1st** in a hackathon by creating a ML tool that scores students budgeting habits to aid financial independence

Spotwork | Software Engineer Intern

May 2022 – Aug 2022

- Developed a job waitlist feature using **React**, streamlining the job fulfillment process by allowing applicants to apply to filled positions, providing employers with backup options, achieving **98%** daily job fulfillment rate
- Implemented dynamic rendering and pagination using **Firebase** to reduce server load by as much as **500%**

Exponet Canada Inc. | Software Engineer Intern

May 2021 – Aug 2021

- Built a multi-step scanning app enabling factory staff and operations heads to track package status by scanning product labels at each stage, ensuring accurate product shipment, preventing **\$1,000+** in monthly losses from logistical errors
- Implemented **Spring Boot** backend for automated product report generation and retrieval for **200+ products**

PROJECTS

Chatbot Payment System 🐍 | Python

- Created a chatbot application for secure money transfer via SMS using a digital wallet created using **Paypal** and **Twilio API**

ShareMe 🐍 | JavaScript, React, Sanity, Tailwind

- Developed a social media web app with **React/Sanity/Tailwind** where users can share and view photos and videos
- Managed state of application and stored user data using **Sanity's cloud storage**, and deployed using **Netlify**

YelpCamp 🐍 | JavaScript, React, Node, MongoDB, Express, Mongoose, Passport

- Developed a full stack application using the **MERN stack** where users discover and review campgrounds
- Built a **REST API from scratch** to perform CRUD operations for users, campgrounds, comments and reviews

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C/C++, Java, Kotlin, Dart, SQL, GraphQL, HTML/CSS, R

Frameworks: React, Node.js, Express, Spring, Flutter, Redux

Tools: Firebase, MongoDB, MySQL, PostgreSQL, Docker, Jenkins, Snowflake, Datadog, gRPC, Git, Jira, Cypress, Jest