# DEEP PARMAR

📞 647-774-9546 | ✉ d5parmar@uwaterloo.ca | 🏠 deepparmar.site | 💼 deepparmar02 | 🐙 deepparmar02

## EDUCATION

**University of Waterloo**, *Bachelor of Computer Science with Co-op*      Expected April 2025

*Relevant Courses: Distributed Systems, AI, Databases, Networking, OS, Algorithms & Data Structures, OOP*      GPA: 3.9/4.0

## EXPERIENCE

**DineWise** | *Full-Stack Engineer Intern*      Sep 2024 – Dec 2024

- Built full-stack features for a venue platform, enabling seamless one-platform support for **500+** customers and venues
- Implemented a dual-approval booking system using React and GraphQL, automating the booking flow between venues and customers, while enabling venues to manage requests seamlessly, which improved booking efficiency by **40%**
- Developed a TypeScript web scraping tool to extract publication data, making it **30% faster** for users to add publications
- Engineered a scalable incentive program for **1000+** concurrent users, utilizing PostgreSQL for efficient data management

**Boosted.ai** | *Software Engineer Intern*      May 2024 – Aug 2024

- Implemented a data chunking algorithm using Python and gRPC microservices to optimize portfolio import, by prioritizing time-sensitive data and performing real-time calculations, enabling users to view their investment portfolio **90% faster**
- Built a GPT-powered feature that generates detailed portfolio and stock insights, saving **2+ hours/day** of manual work
- Reduced autocomplete search retrieval times by **30%** through TTL caching and parallelizing data fetching and aggregation

**Super.com** | *Full-Stack Engineer Intern*      Sep 2023 – Dec 2023

- Created React upsell components for the Super+ membership, resulting in a **6% increase** in monthly subscriptions
- Developed a $1 authorization check using Python, filtering fraudulent cards and boosting conversion rates by **8%**
- Optimized backend operations in Python by refining SQL queries, leading to a **20% reduction** in query response time

**TD Bank** | *Software Engineer Intern*      Jan 2023 – Apr 2023

- Built a **patented** Chrome extension using React/Typescript for **9K+ users** with features to make websites more accessible
- Created an opencv2 Python tool to simplify labeling objects for training data, improving completion time by **70%**
- Won **1st** in a hackathon for a Machine Learning tool that scores students' budgeting habits to aid financial independence

**Spotwork** | *Mobile Engineer Intern*      May 2022 – Aug 2022

- Designed and developed a job fulfillment system from scratch using Flutter and Dart, achieving a **98%** daily fulfillment rate
- Reduced load and search times in the job listings dashboard by **200%** through dynamic rendering and Firebase pagination
- Scaled NLP recommendation model on GCP using Docker, handling **5000+** daily requests, targeting users to suitable jobs

**Exponet Canada Inc.** | *Software Engineer Intern*      May 2021 – Aug 2021

- Built a cross-platform multi-step scanning app to ensure accurate product shipment, preventing **$2,000+** in monthly losses
- Implemented Spring Boot backend services for automated product report generation and retrieval for **200+ products**
- Streamlined app performance by integrating Redux for state management, resulting in a **10% speedup** in data processing

## PROJECTS

**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 in North America
- 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

**Technologies**: React, Node.js, Express, gRPC, Spring, GraphQL, MongoDB, MySQL, PostgreSQL, Docker, Snowflake, Datadog