

Deep Parmar

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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

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C/C++, Kotlin, Dart, SQL, GraphQL, Bash, 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

EXPERIENCE

Boosted.ai | *Software Engineer Intern*

May 2024 – Present

- Implementing AI-driven features to personalize investment strategies for client needs using **Python** for backend services, **Java** for the web server, and **React** for front-end development

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
- Implemented the meticulous \$1 authorization check workflow utilizing **Python** and **Apache Kafka** event streaming, effectively filtering out fraudulent credit cards, resulting in an **8% increase** in the overall conversion rate
- Enhanced subscriber benefits with 2X rewards and cashback features, resulting in **15% uptick** in subscribers
- Wrote **SQL** queries in **Snowflake** for alerting suspicious user activity, such as multiple reward claims in a day

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 with an AI tool promoting financial independence for students based on budgeting habits

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%**
- Engineered product expansion into the US, acquiring **20000+** new users and **top #100** on the App Store

Exponet Canada Inc. | *Software Engineer Intern*

May 2021 – Aug 2021

- Developed a multi-step scanning feature with **React**, **Node.js** and **Java** to ensure correct product shipment, preventing **\$1,000+/month** in losses due to logistical errors
- Implemented **Spring Boot** backend for automated product report generation and retrieval for **200+** products
- Decreased fetch time of server data by **30%** by using React Hooks and handling state management with **Redux**

PROJECTS

Chatbot Payment System 🐍 | *Python*

- Developed a secure money transfer chatbot using **Paypal** and **Twilio API**, and **Docker** for efficient deployment

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
- Designed a responsive front-end using Bootstrap and implemented **client-side** and **server-side data validation**

ShareMe 🐍 | *JavaScript, React, Sanity, Tailwind*

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