

Soham Parmar

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Personal Website: sohamparmar.com [Built with React + Tailwind CSS & hosted on Vercel]

SUMMARY OF QUALIFICATIONS

Languages C++, C#, HTML, JavaScript/TypeScript, CSS, Java, Python, Swift, Assembly, SQL
Tools/Libraries ReactJS, Next.js, Vercel, Node.js, ExpressJS, Spring Boot, GCP, PostgreSQL, Heroku, React Native, Flutter

EXPERIENCE

Faire – Software Engineer September 2022 – December 2022

- Working on the Brand Acquisition team using TypeScript, ReactJS, MobX, Datadog

Peak Gaming (peakgaming.ca) – Co-Founder March 2022 - Present

- Co-founder of a fair, free-to-play video game tournament service that brings competitive gaming to casual players
- Achieved **100+** people on the waitlist on day of launch and currently manage a userbase of **200+** gamers
- Led design and development of the service and created a **Responsive Next.js App** hosted on **Vercel** and connected to a **Firestore** backend
- Utilized Google OAuth to authenticate Peak Users and a Firestore NoSQL database to store tournaments, along with tournament business logic being handled using serverless Google Cloud Functions

Year Zero Studios – Software Developer January 2022 - April 2022

- Worked with product managers using **Agile** Software Development principles to significantly improve upon a **React web app** that allows wellness instructors to display their offerings on their custom personal page
- Coded numerous frontend features that integrated with GCP (Firestore) backend logic to improve user experience
- Led the migration from **Firestore** to **Cloudinary** for image storage to eliminate cloud image bucket costs **completely**
- Spearheaded expansion of user auth to integrate **Facebook** into the available methods of authentication
- Created and integrated an infinite scroll feature to procedurally load data as user scrolls. **Reduced the page load time** of the most visited wellness page by **56%**

PROJECTS

Inventory Management System **ReactJS, Node.js, Express.js, Docker, Google Cloud, PostgreSQL**

- Developed a **full stack** inventory tracking web application equipped with **CRUD** functionality to handle persistent data of inventory items and inventory history via a **PostgreSQL** database hosted on **Heroku**
- Created a frontend web app using **ReactJS** to display existing data within PostgreSQL database and allow for data manipulation such as editing and deleting inventory items
- Containerized **ExpressJS** based API Layers using **Docker** and deployed using **GCP Cloud Run**

Huddle (huddlesports.ca) **Java, Spring Boot, ReactJS, Redux, TypeScript, PostgreSQL**

- Created a sports team management web application designed to relieve complexity and overhead from managing teams and consolidate team operations into a singular platform
- Constructed a RESTful backend using **Spring Boot** for business logic and **PostgreSQL** for data persistence
- Developed the frontend application with **ReactJS** and **TypeScript** along with global state being managed with **Redux**
- Utilized **JWTs** to implement authentication and secure various resources within the backend
- Deployed on **Digital Ocean** alongside **Prometheus** and **Grafana** services for application monitoring

CERTIFICATIONS

Bloomberg Certified: Bloomberg Market Concepts Issued March 2022

- Gained Knowledge in Bloomberg Terminal usage, Economic Indicators, Currencies, Fixed Income, and Equities

Microsoft Certified: Azure AI Fundamentals Issued August 2021

- Gained Knowledge in ML principles, Computer Vision, Custom Vision, NLP, and Conversational AI

EDUCATION

University of Waterloo September 2021- April 2026

Bachelor of Applied Science in **Computer Engineering** – GPA: 4.0/4.0

Waterloo, Ontario

Dean's Honours List for Fall 2021 Term