

HASSAN HASHMI

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Experience

Incoming Frontend Developer Intern

May 2024 - Aug 2024

JANA Corporation

Aurora, ON

Full Stack Developer Intern

May 2023 - Dec 2023

JANA Corporation

Aurora, ON

- Developed a profit-sharing application for all employees using **ASP .NET Core** and **React**, saving JANA **\$10,000** yearly
- Created RESTful APIs to run stock compensation calculations and manage employee data
- Made a multi-page web application using **RTK Query** and **TypeScript**, to summarise data from RESTful APIs in a Pie Chart
- Implemented web form validation using **React Hook Form** and **Zod**, resulting in a **75%** decrease in the number of database rollback instances due to malformed data
- Architected a comprehensive **T-SQL** database system in Microsoft Server Management Studio, custom-built to streamline financial calculations

Web Developer

Sept 2023 - Present

UW Badminton Club

Waterloo, ON

- Created a cross-platform [Court Management app](#) for university badminton club using **React** and **TypeScript** to replace physical court tracking system
- Implemented a interactive control panel for club organizers to set and modify players on courts using **Redux Toolkit** and **React DnD**
- Created a dynamic mobile view to allow club members to view their court placements on any device
- Integrated a custom tutorial within the app to facilitate quicker on-boarding of new club staff

Instructional Support Assistant

Jan 2023 - Apr 2024

University of Waterloo

Waterloo, ON

- Demonstrated proficiency in **C++** by providing hands-on tutoring and debugging support to over **500** students in their programming projects
- Improved student assignment completion rate by **10%** through weekly office hours, adeptly teaching advanced course topics

Personal Projects

[PokéView Card App](#)

June 2023

- Made a web app that paints pokémon info cards for **650** different pokémon using **React** and **TypeScript** with custom card flipping animations
- Built a comprehensive component library featuring a custom search bar, drop-down filter, and information modal
- Leveraged **Recharts** and **MUI** libraries to create a custom Pokémon analytics dashboard with sprite animations
- Implemented a custom dark mode with complimentary colours and shiny pokémon animations using **CSS** properties and **JavaScript**
- Developed a user-friendly tutorial enhancing user experience and facilitating efficient navigation.

Notetaking Application

Feb 2023

- Implemented a functional note taking application tailor-made for CS students by using **Java FX** and **Kotlin**
- Designed a custom Database manager that stores all user info locally by using **SQLite**
- Deployed a web service to store user info on the cloud using **Spring-Boot** and **Docker**

Education

University of Waterloo

Waterloo, ON

Bachelors of Computer Science with Business Specialization

Sept 2019 - Dec 2025

- **Courses:** Data Structures and Data Management, Object-Oriented Programming, Databases, Public Speaking

Technical Skills

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

Technologies/Frameworks: React, Redux Toolkit, ASP .NET Core, RTK Query, React Hook Forms, Zod, Auth0, React Testing Library, Framer Motion, Material UI, Tailwind, Git, GitHub, JIRA, Chrome DevTools, Storybook, Django