Savitur Maharaj

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EDUCATION

University of Calgary Alberta, Canada
Bachelor of Science in Computer Science GPA:3.88/4.00 *2022 – 2026*

Awards
President's Admission Scholarship, Deans List *2022,2023*

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, C++, HTML/CSS
Technologies and Frameworks: React, Typescript, Nodejs/Express, Firebase, MongoDB, MySQL, Tailwind, Sass, Git, Github, Gitlab, Docker
Relevant Coursework: Data Structures and Algorithm Analysis, Database Management, Intro to Software Engineering, Computer Networks, Operating Systems, Web-based Systems, Distributed Systems (In-progress), iOS Programming (In-progress)

EXPERIENCE

Software Technician Intern @ Kaizen-tt (Part-Time) | *Typescript, Nodejs/Express, MySQL* May - June 2024
- Collaborated with stakeholders to analyze the project's requirements and to ensure the solution met business needs
- Assisted in automating a process previously done by paper, which would allow managers to save a significant amount of time
- Helped in deploying the project to production by utilizing AWS RDS and Render

PROJECTS

Book Club Organizer | *React, Tailwind, Firebase, Docker* Dec 2024
- Users can join or host book clubs based on certain themes
- Facilitated real-time data synchronization and user authentication with Firebase
- Utilized Docker for containerization, ensuring consistent deployment across various environments

Student Scheduler Management System | *React, Sass, Nodejs/Express, MySQL* Dec 2023
- Helped coordinate meetings and set up project goals within a team of three
- Enabled student users to plan their schedules for upcoming semesters and submit course ratings
- Enabled administrator users to edit course details for degrees in their department

Fictional Character REST API (Backend) | *Nodejs/Express, MongoDB* Aug 2023
- Designed a REST API in which you can describe characters from media such as TV shows or books
- Used JWTs for user authentication and stored user data in the cloud using MongoDB Atlas
- Tested API endpoints using Postman

Recipe Search App (Frontend) | *React, CSS, Spoonacular API* Aug 2023
- Allows users to search for a recipe to any common dish

GPU Web-scraper | *Python, Beautiful Soup* July 2023
- Created a python script to parse Newegg's website to obtain GPU prices

EXTRACURRICULAR ACTIVITIES

VP Teaching for Origami-Aid Apr 2024 - Present
- Coordinated with other club executives to plan weekly folding sessions and collaborations with other clubs

Executive of Academic Events for the Computer Science Undergraduate Society Nov 2023 - Present
- Created workshops for undergraduate students and is assisting in planning CalgaryHacks 2025