

Khevin Jugessur

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A software engineering student achieving high distinction with critical thinking and organizational skills. Combines formal education and self-taught front-end abilities.

EDUCATION

University of Calgary

B.S, Major: Software engineering, Minor: Mechatronics

Sep. 2020 - Present

Calgary, Alberta

- Dean's List 2022-2023
 - Award provided to students with a GPA of above 3.6
- Prestigious Admission Scholarship
 - Award provided to students with a high school admission average of above 95.0%
- Participated in Hackathon organized by the university
 - [Certificate](#)
- Member of the competitive programming club
 - Organized events to talk about algorithms
- Member of the gaming club
 - Organized events with my clubmates where games were presented

College Du St Esprit

High School Diploma

Jan. 2012 - Dec. 2019

Quatre-Bornes, Mauritius

- Runner-up in an inter-college Math Olympiad competition
- Member of Robotics Team, 2015-2016
 - Learned and used Scratch
- Member of Chess Club, 2017 to 2019
- Member of S.O.S Esprit, 2017 to 2019
 - Used to organize lunches/dinners for orphans

PROJECTS

Multiplayer chess game

Made with ReactJs, NodeJs, ExpressJs, HTML/CSS, MaterialUI, socket.io

- Allows players to play chess against each other
- ReactJS and MaterialUI were used for the frontend
- NodeJs and ExpressJs were used for the backend
- socket.io was used to communicate between the client and server using a TCP connection
- Tested with SeleniumIDE
- Deployed using Heroku
- [Github repository link](#)
- [App link](#)

Samurai Game

Made with Javascript, HTML/CSS, Jest

- A fighting game made with Javascript, HTML/CSS with sprite animations
- HTML/CSS were used for the frontend and Javascript was used for the backend
- Tested using Jest
- Deployed using Vercel
- [GitHub repository link](#)
- [App link](#)

Movie Theater App

Made with Java, Spring, SQL, MySQL

- Implemented a movie theater with a booking system
- The movie theater also has a database (SQL) to keep track of users, movies and their tickets.
- Incorporates OOP principles such as composition, aggregation and inheritance
- Makes use of two design patterns
 - decorator for the GUI
 - singleton for the database
- [GitHub repository link](#)

For more details about my projects, please visit my [website](#) and my [GitHub](#).

WORK AND VOLUNTEER EXPERIENCE

A.P.U /Google

Volunteer Assistant Speaker

Oct. 2018 – Nov. 2018

Quatre-Bornes, Mauritius

- Volunteered to assist a speaker from Google to talk about the Google search engine and its functionalities at my school for a workshop
- Used strong interpersonal communication skills to convey information to others
- [Certification](#)

University Of Waterloo/ OVEC

Career Advisor

May. 2023 – July. 2023

Quatre-Bornes, Mauritius

- Attended university fairs and visited classrooms to provide a wide range of information about software engineering to prospective university seekers
- Worked with team to continuously improve career and placement opportunities for students
- Increased the number of students applying by 3%

Technical Skills

- **Languages:** Javascript, C/C++, Java, Javascript, Typescript, Python, ExpressJs, NodeJS
- **Testing:** JUnit, Selenium, Jest
- **Web development:** HTML/CSS, PHP
- **Frameworks :** ReactJS, Tailwind-CSS, Spring
- **Tools :** Git, GitHub, MySQL, Jira, VisualStudioCode, Eclipse, Linux, MySQL, Arduino