MAUSMI ARYA

Year 4, Computer Science Major

@ mausmiarya@gmail.com   ☎ +250 8999004   ⌨ github.com/mausmi00

EXPERIENCE

SAP
Software Developer Intern

📅 May 2021 - May 2022   📍 SAP, Vancouver

- **Developed a user facing feature** which made it possible to call the SAC Story API endpoints using OAuth API Access to delete, rename and update stories using Client Credentials flow instead of existing SAML Bearer flow.
- Handled customer issues and bugs for various services in SAC which includes **User Management**, **Public API** and others.
- Ensured that the customer issues, bugs and features under development were delivered in a timely manner and met the SAP quality standards as the **QA Lead of the team**.
- Developed and fixed multiple unit and automated tests.

TECHNICAL PROJECTS

PATHFINDING VISUALIZER | Web App

📅 July 2020   📍 pathfinding-visualizer-811ff.web.app/

- A web app written in **JavaScript** along with **React** which allows you to visualize pathfinding algorithms like BFS, DFS, and Dijkstra's by using appealing animations coded in **CSS**.
- Contains a 20x50 grid built using **JavaScript** and **CSS** where the user can move the start and end points and can also place obstacles in the middle to gain an even better understanding of how these algorithms work by watching it change it's path visually. Hosted in **Firebase**

BURGER BUILDER | Web App

📅 MAY 2020   📍 burgerbuilder-20cdf.web.app/

- A single page fully responsive web app built using **React** and **JavaScript** which allows users to build their own burgers and order them. Uses **CSS** and **HTML5** to display ingredients
- It uses proper user authentication using **Firebase Auth REST API** and **Axios**.
- Implements routing using **React Router** and uses Firebase for hosting and managing databases. Uses **Redux** for application state management.

SMART BRAINS | Web App

📅 APRIL 2020   📍 smart-facerec.herokuapp.com/

- A fully responsive website written in **JavaScript** which detects faces in any image using **Clarifai API** and marks it by placing a box around it.
- Uses **React** along with **HTML** and **CSS** for front-end.
- Back-end is developed using **Node.js** and **Express.js**.
- Managed database to store user profiles using **PostgreSQL** .

THE

BIRDS AND THE BEES | Game

📅 FEB 2020   📍 Developed in BC GameJam

- A side-scrolling action game in developed in BC Game Jam with a group of 4 members using **Unity** and **Blender**. The goal of this game is to survive each level in order to pass your genes to the next generation.
- Was assigned to animate various objects in the game

TECHNICAL SKILLS

Programming
Java, JavaScript, TypeScript, C++, C, Assembly, SQL, PHP

Tools/Environment
Visual Studio Code, GitHub, IntelliJ, Sublime, Unix/Linux, Bash, Gerrit, Jenkins, Docker

Web
HTML/CSS, React, Node.js, Express.js, Redux, PostgreSQL, Oracle

COURSE WORK

Advanced JavaScript Course, Udemy
March 2020

Full Stack Development course, Udemy
April 2020

Advanced React course (incl Hooks, React Router and Redux), Udemy
June 2020

Security+ course, Udemy
November 2021

EDUCATION

The University of British Columbia
BSc Computer Science, Vancouver, Canada

📅 August 2018 - Current

AWARDS

Dean's List UBC
2018

Received an OIS(Outstanding international student) award from UBC
2018

Choreographed and led a team of 10+ dancers in the intra school annual day function
2016

Won the UAE Volleyball Clusters for 4 consecutive years and led the team to victory
2017