Aryan Gandhi

Computer Engineering Student
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TECHNICAL SKILLS

Programing: C, C++, Python, Java, Linux, Git, JavaScript, HTML, CSS, SQL, React, React Native, Redux, Cypress, Junit, Jasmine, Verilog, ARM, Object Orientated and Concurrent Programming

Software Tools: GitHub, Microsoft Office, Visual Studio, MATLAB, JIRA, Jenkins, Postman, Gerrit

EDUCATION

University of British Columbia   **Expected Graduation: May 2024**
Bachelor of Applied Science - Computer Engineering (CGPA: 86%)

TECHNICAL WORK EXPERIENCE

SAP, Vancouver, British Columbia   **May 2021 – Aug 2022**
Agile Developer
- Formulated bug fixes and developed novel features through hands-on programming design utilizing **JavaScript**, **HTML**, and **CSS** to deliver an improved product to clients
- Developed unit, integrated, and automated testing using **Jasmine** and **Cypress** frameworks
- Adopted lean and agile software development principles by collaborating in a team setting and using online tools such as **GitHub** and **JIRA** to organize workflow
- Interpreted and improved code by working on a codebase using debugging tools and end-to-end software development principles

ENGINEERING STUDENT TEAMS

UBC Launchpad, University of British Columbia   **Sept 2020 – Present**
Software Developer
- Partner with other developers and designers to ideate and build a project for 8 months
- Utilize Agile workflows, continuous integration, automated testing, and GitHub to coordinate team development efforts and handle version control whilst creating a productive development pipeline

TECHNICAL PROJECTS

Workout Tracker App ([GitHub](#))   **June 2022 – Present**
- Designed a mobile application that allows users to keep track of their workout, weights, personal records, and allows them to view videos for exercises for specific muscle groups.
- Implemented the application using **React Native**, **Express.js**, **Node.js**, and **Mongo DB**

Interview Scheduler ([GitHub](#))   **Apr 2022**
- Developed a web application using **React**, **Express.js**, **Typescript**, **Firebase**, and **Docker** which allows for internal team leads to match their availabilities and book interviews with new applicants
- Implemented interviewees to input and modify their availability, algorithm for generation of unique links for each interviewee to book their interview, and google calendar integration

Emotion Detector and Song Suggester ([GitHub](#))   **Apr 2021**
- Utilized a machine learning algorithm that self-written and trained with over 10,000 images to infer the user's mood and produce a corresponding Spotify playlist that best fit the inferred current mood
- Programmed the web application using **Django**, **HTML**, **CSS**, **JavaScript**, **Python**, and **Pytorch**

INTERESTS & ACTIVITIES

Computers, Basketball, Football, Volunteering, Weight Training, Puzzles, Reading