Aradhya Singh

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⚲ aradhya.dev

EDUCATION

Bachelor of Science, Computer Science   2019 – 2023
York University, Lassonde School of Engineering   Toronto, Ontario

EXPERIENCE

QA Analyst Intern   01/2023 – present
theScore   Toronto, Ontario
- Conducting cross-platform testing (Android, iOS, and Web) to assess readiness for production releases of sports media and betting apps.
- Developing test cases in TestRail and executed test plans to ensure high-quality feature delivery, and participated in bug triaging, priority assessment, and coverage tracking.
- Collaborating with cross-functional teams to ensure adherence to best practices and standards in QA, actively participated in Scrum ceremonies, and worked with the Test Automation team to review, prioritize and analyze test cases for automation results.

Software Developer Intern   01/2023 – present
Fibra Inc   Toronto, Ontario
- Developing the Fibra app using Node.js, MongoDB, React Native and Firebase, implementing features such as real-time data synchronization and user authentication.
- Collaborating with cross-functional teams to design and implement an efficient user experience for the Fibra app.
- Writing, testing and integrating maintainable and reusable code to deliver high-quality software, and assist in the ongoing development of the MVP by providing documentation.

Backend Developer   12/2022 – present
csHUB : York University   Toronto, Ontario
•Developing and maintaining server-side logic and infrastructure for the merch store, including setting up a database, integrating with payment gateways, and building APIs.
•Ensuring the security and stability of the e-commerce platform by implementing SSL certificates, setting up backup systems, and monitoring performance. Collaborated with team members to implement new features and functionality.

PROJECTS

Sorting Algorithm Visualizer 🔗
Javascript
• Developed a sorting visualizer that implements the Bubble Sort, Insertion Sort, and Selection Sort algorithms and uses array visualization to show the sorting process.
• Used JavaScript for the implementation of the sorting algorithms and React for the frontend.

Face-Track Attendance 🔗
Python, openCV
•Implemented a Python program using **OpenCV** and the **face_recognition** module to detect and recognize faces in video frames from a web camera.
•Defined a function to generate face encodings for a list of known images and used the encodings to compare against faces detected in the video frames.
•Saved the attendance data to a .csv file, if a match was found and timestamped with the current time.

AI Speech Assistant 🔗
Python, RESTapi
•Developed a voice assistant that can play music, provide the current time, give information from Wikipedia, tell jokes, and provide the current weather in a given city.
•Used the **speech_recognition, pyttsx3, pywhatkit**, **wikipedia**, **pyjokes**, requests, and **JSON** modules to enable these features.
•Integrated the OpenWeatherMap API to get weather information.

CS HUB : Local Hack Day Website. 🔗
HTML, CSS, Javascript, React, Bootstrap
- Designed and built the Local Hack Day hackathon website for CSHub at York University using React.js, Bootstrap and JavaScript.
- Applied responsive design and user-friendly features to enhance user experience and utilized Figma to create website templates.
- Collaborated with the team to ensure the website met the organization's needs and provided technical support throughout the development process.

SKILLS

Skills:
Java, Python, Javascript, Node.js, Selenium, Bash, Git, MySQL, REST APIs, HTML, CSS