

Aradhya Singh

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EDUCATION

Bachelor of Science, Computer Science
York University, Lassonde School of Engineering

2019 – 2023
Toronto, Ontario

EXPERIENCE

QA Analyst Intern
theScore

01/2023 – present
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.

Full-Stack Developer Intern (Riipen)
Fibra Inc

01/2023 – present
Toronto, Ontario

- Developing the Fibra app using Node.js and MongoDB for the backend and React Native for the front end.
- Utilizing Firebase for real-time data synchronization and user authentication in the Fibra app.
- Collaborating with a team to create a seamless and efficient user experience for the Fibra app through the implementation of various technologies.

Backend Developer
csHUB : York University

12/2022 – present
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.

SKILLS

Skills:

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