

AYESHA ARSHAD

Whitby, Ontario | 647-963-9031 | ayesharshad88@gmail.com

LinkedIn: <https://www.linkedin.com/in/ayesha-arshad-8332531b2> GitHub: <https://github.com/ayesha133>

Portfolio: Ayesha Arshad | Portfolio (ayesha-arshad.duckdns.org)

EDUCATION & EXTRACURRICULAR ACTIVITIES

Bachelor of Engineering: Electrical Engineering | McMaster University | Hamilton, ON

2020-2024

Project Developer | McMaster Makers

June 2021 – June 2022

- Led a beginner friendly **React Native** workshop at DeltaHacks to teach attendees a new technology.

Supportive Relations Executive | DeltaHacks

July 2021 – Present

- Recruited 30 mentors and judges for McMaster's largest hackathon with over 500 attendees in-person.
- Participated as a judge and evaluated 27 projects for the Best Productivity Hack category.
- Supervised and assigned tasks to all mentors to ensure constant engagement between attendees and mentors.

EXPERIENCE

Explore Intern | Microsoft | Redmond, WA

June 2022 – September 2022

- Built a questionnaire widget for the MSN Money Team that provides users with personalized financial recommendations with **React**, **TypeScript** and APIs.
- Created **Telemetry** dashboards to collect metrics and monitor user engagement of the project while in flight.
- Flighted the project to 5% of users, about 1.25M daily active users and integrated the project into the MSN Money codebase.
- Took initiative to enhance the performance of an MSN Money feature resulting in **30%** improvement in performance.
- Applied the Software Development Life Cycle and implemented feedback from users.
- Composed a competitor analysis and project specification during the Product Management phase of the project.

Production Engineering Fellow | Major League Hacking

June 2021 – August 2021

- Built, containerized, and deployed a scalable Flask web app integrated with a **PostgreSQL** database on **AWS EC2** instance.
- Set up **CI/CD pipeline** for the website through Github Actions for automated testing and deployment.
- Configured Linux systems and infrastructures.

EL Assistant | Kumon Math and Reading Centre | Ajax, ON

November 2019 – March 2020

- Directed and tutored a group of 3-4 children at once and tutored a new group every hour in a fast-paced environment.
- Supervised and monitored the progress of 40+ students while focusing on students who need extra help with classwork.
- Increased daily worksheet grading quota in 5 months by single-handedly grading all worksheets assigned quickly and marking additional student folders left unassigned by employees.

SKILLS

- Languages: Python, Java, JavaScript, TypeScript, C, C++
- Technologies: HTML, CSS, React Native, React, Flask, Docker, PostgreSQL, AWS, Firebase, MATLAB, Android Studio, Linux, MySQL, Figma
- Communication: French, English

PROJECTS

StreetEats

August 2021

- Built a **Flask** webapp with a **Python backend** that suggests restaurants based off user location using an API and allows users to login/register with a **PostgreSQL** database.
- Allows users to add/delete restaurants to user created lists.
- Deployed on an **AWS EC2** instance with an **NginX reverse proxy**.
- Implemented **CI/CD** pipeline to allow automated testing and deployment, **cAdvisor** for monitoring, and **Docker** for containerization.

Wealthguide | Hack the 6ix 2022

August 2022

- Winner of the Wealthsimple Foundation Challenge.
- Led a team to build a cross-platform **React Native** app that provides interactive financial literacies to users in marginalized communities.
- Built an interactive quiz to assess the user's knowledge on financial literacies assigned and allow users to earn reward points.