Abdul Wadood Syed

✉ a1syed@torontomu.ca 📱 +1 437-256-3796 📍 Toronto, Ontario 🖱 4bdul.com

EDUCATION

Computer Engineering (BEng)
Toronto Metropolitan University

09/2018 - 04/2024   *Toronto, Ontario*

WORK EXPERIENCE

Software Engineering Intern
Gia Health - Social Ventures Zone Startup

01/2023 - 05/2023   *Toronto, Ontario*

Achievements/Tasks

- Developed a secure and reliable authentication system by leveraging Auth0 and JWT.
- Assisted with the development and deployment of the web infrastructure for Gia Health's Minimum Viable Product.

Software Engineering Intern
Andie.Work

01/2021 - 05/2021   *Toronto, Ontario*

Achievements/Tasks

- Created a mobile responsive, web based dashboard using HTML5, CSS3, Javascript (React and Redux)
- Integrated Stripe API with React Native based Mobile App for payment processing.
- Troubleshooted backend and frontend issues; assisting in solving architectural design challenges.
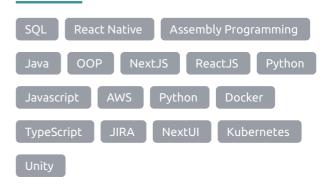
Webmaster
IEEE - TMU

05/2023 - 04/2024

Achievements/Tasks

- Maintained and regularly updated IEEE Toronto Metropolitan University website on WordPress.
- Utilizing JavaScript and Python Flask to overhaul and develop a new website for IEEE Toronto Metropolitan University.

SKILLS

`SQL` `React Native` `Assembly Programming` `Java` `OOP` `NextJS` `ReactJS` `Python` `Javascript` `AWS` `Python` `Docker` `TypeScript` `JIRA` `NextUI` `Kubernetes` `Unity`

PERSONAL PROJECTS

Invoice - AI - 1st Place TorontoAI Hackathon (07/2023)
- Trained a Large Language Model to answer queries about personal finances.
- Utilized Tesseract library for Optical Character Recognition for dataset generation.
- Developed frontend with ReactJS, and used ChartJS to visualize Large Language Model's output.

Restaurant Finder App (06/2023)
- Implemented a microservices architecture using REST API and JWT based authentication.
- Used MySQL DBMS for data persistence, JSP's for generating dynamic web content and Java Servlet for backend development.
- Implemented asynchronous messaging using Kubernetes Queues (kubeMQ) and synchronous messaging in the AWS Cloud Environment.

FoodCrew - 2nd Place SDZ Food Insecurity Case Competition (03/2023)
- Developed a solution to tackle food insecurity on campus and to provide culturally appropriate and sustainable food to those who need it most.
- Worked in an interdisciplinary team to develop the initial idea, business model and technical prototype.
- Leveraged figma to prototype the initial design of an accessible mobile app designed to tackle food insecurity.

CERTIFICATES

AWS Certified Solutions Architect (03/2023 - 03/2026)

AWS Certified Cloud Practitioner (10/2022 - 03/2026)