

Abdul Wadood Syed

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📍 Toronto, Ontario

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EDUCATION

Computer Engineering (BEng) Toronto Metropolitan University

Toronto, Ontario

WORK EXPERIENCE

Software Engineering Intern Lab2Client

09/2023 - 12/2023

Achievements/Tasks

- Built and maintained the backend of a modern web application using NodeJS and ensuring its seamless operation.
- Migrated to Stripe Connect to set up a marketplace with multiple sellers, from previous cost inefficient fund distribution solution.

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.
- Leveraged AWS and Event Driven architecture patterns with event logging, analysis, visualization, notification and responding.

Software Engineering Intern Andie.Work

01/2021 - 05/2021

Toronto, Ontario

Achievements/Tasks

- Integrated Stripe API with React Native based Mobile App for payment processing.
- Created a 30% increase in revenue through rapid prototyping allowing expansion of products into the U.S. market.

SKILLS

React Native

Assembly Programming

Java

OOP

NextJS

ReactJS

Python

Javascript

AWS

Python

Docker

TypeScript

Kubernetes

Unity

Scikit-Learn

TensorFlow

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.

Capstone Project - IOT based Smart Work Environment (06/2023 - 04/2024)

- Implemented IOT based smart work environment with features such as room temperature control, project progress tracker, and meeting room bookings.
- Extensively leveraged IOT Events, Lambda Functions, QuickSight and other AWS services to create cost optimized, scalable, and event-driven cloud architecture.

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 Associate
(03/2023 - 03/2026)

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

Certified Kubernetes Administrator (09/2023 - 09/2026)

Certified Hashicorp : Terraform Associate (09/2023
(09/2023 - 09/2025)