

# Abdul Wadood Syed

## EDUCATION

### Computer Engineering (BEng) Toronto Metropolitan University

09/2018 - 05/2025

Toronto, Ontario

## WORK EXPERIENCE

### DevOps Developer Intern IBM - WatsonX.AI

01/2024 - 12/2024

#### Achievements/Tasks

- Built an informative dashboard using Python, Matplotlib, and Slack API for the WatsonX.AI DevOps team, facilitating insights into pipeline failures and enhancing operational efficiency.
- Worked on Ansible based Operators to automate the creation, configuration, and management of instances of on-premise WatsonX.AI Application.

### Software Engineering Intern Lab2Client

#### Achievements/Tasks

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

### Software Engineering Intern Gia Health - Social Venture Zone Startup

#### Achievements/Tasks

- Leveraged AWS and event-driven architecture patterns with event-logging, analysis, visualization, and responding.
- Assisted with development and deployment of the web infrastructure for Gia Health's Minimum Viable Product.

### Software Engineering Intern Andie.Work

01/2021 - 05/2021

#### Achievements/Tasks

- worked on Stripe API integration with React Native based mobile app for payment processing.
- Created a 30% increase in revenue through rapid prototyping allowing expansion of products into U.S. Markets.

## SKILLS

React Native

Assembly Programming

Java

OOP

NextJS

ReactJS

Javascript

AWS

Python

Docker

Bash

Kubernetes

Unity

Scikit-Learn

TensorFlow

## PERSONAL PROJECTS

### TorontoAI Hackathon - 1st Place (07/2023)

- Trained a large language model to answer queries about personal finances.
- utilized tesseract library for optical character recognition and dataset generation.
- developed frontend with ReactJS, and used ChartJS library to visualize LLM output.

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

- implemented IOT based smart work environment with features such as room temperature control, project progress tracker, and meeting room bookings.
- deployed NodeJS based express backend on AWS and database on MongoDB Cloud. Used React Native and some auxiliary libraries for mobile UI.

### 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. Used figma to prototype the initial design.

## CERTIFICATES

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

AWS Certified Solutions Architect Professional  
(05/2024 - 05/2027)

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

Amazon Web Services Cloud Practitioner  
(10/2022 - 10/2026)