

SYED AAMIR TAHIR

Contact

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Highlight of Qualifications

- Worked at **Amazon**, **IBM**, and **Deloitte**, with exceptional evaluations
- 4th Year **Software Engineering Student** at **McMaster University**
- Proficient in React, Python, Node.js, SQL, Java, Arduino, etc.
- Skilled with **algorithms**, **web development**, **web scraping**, **IoT**, **CAD**, **DevOps**, and **Adobe Creative Suite**

Education

McMaster University

September 2017 – April 2021

B. Eng., Software Engineering Co-op

Experience

Amazon

May 2020 – August 2020

Software Engineer Intern – **Given highest recommendation**

- **Reduced time from over 4 weeks to a few days** for Amazon Tax internal dataset onboarding
- Designed and implemented new automated dataset onboarding system using **AWS (Glue, DynamoDB, Step Functions, SNS, CloudFormation, etc.)**, **Scala**, and **Python**
- **Reduced lines of code required by 92%** per dataset onboarded by creating generalized AWS resources to handle multiple datasets
- Created **JavaScript** extension to automatically download Amazon Chime conversations which was used by internal employees across Amazon during Amazon's move to Slack

IBM

May 2019 – August 2019

DevOps Engineer Intern – **Given highest recommendation**

- Proposed, conceptualized, and developed a **high-performance testing automation framework** using **containerized parallel test executions**
- Framework created with **Selenium Grid**, **Docker**, and **Python** with strong focus on **documentation**, **robustness**, **cross-browser support**, and **easy deployment** and **scalability**

Deloitte

May 2018 – August 2018

Software Engineer Intern – **Given highest possible overall evaluation**

- Especially selected from all new hires into a new team combining emerging technologies
- Worked as **lead full stack developer** using **Node.js**, **Python**, **MongoDB**, **Angular**, **Azure**, and **IBM Watson**

Projects

Kyrie – Garden Monitoring System

- Wi-Fi Garden sensors to collect data and automatically water plants
- **ESP8266** Board programmed with **Arduino** sends data to **AWS DynamoDB** through **MQTT** protocol
- Web app built with **React** and **Node.js** uses **AWS** to **auth**, **receive data**, and **send commands**

Therapio

- **Python** twitter bot using **MongoDB**, **Node.js**, **Twitter API**, and **NLTK** for sentimentality analysis

BlockVote

- Blockchain voting web app created using **React**, **Node.js**, and **Firebase (Auth, Firestore, ML Kit)**

MealPal Reserver

- script to automatically login and book meals on MealPal every day with **Python** and **Selenium**

Find more projects on GitHub. References available upon request