SYED AAMIR TAHIR

Contact

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Highlight of Qualifications

- Worked at **Amazon, IBM**, and **Deloitte**, with exceptional evaluations
- Proficient in **Python, React, Node.js, SQL, Java, Arduino**, etc.
- Skilled with **algorithms, web development, web scraping & automation, IoT, CAD, DevOps**, and **Adobe Creative Suite**
- Graduated with **B. Eng., Software Engineering**

Education

McMaster University   September 2017 – April 2021

B. Eng., Software Engineering

Experience

Amazon

Software Development Engineer   August 2021 – Present
SDE Intern   May 2020 – August 2021

- **Reduced time from 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 help migrate from Amazon Chime to Slack

IBM   May 2019 – August 2019

DevOps Engineer – **Given highest recommendation**

- Proposed, conceptualized, and developed an **automated testing 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

Full-Stack Developer – **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 - IoT Garden Monitoring System

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

Watchlist

- Web app to keep track of shows/movies that you are watching, have completed, or are planning to watch
- Created with **React** and **Node.js** using **Google Firebase** for **Auth, Firestore (NoSQL), and hosting**

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 **Google Firebase (Auth, Firestore)**

MealPal Reserver

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

More projects on GitHub. References available upon request