

Akif Rafique

arafiqu2@gmail.com | 919-561-7507 | akifrafique.com | linkedin.com/in/akifrafique/

WORK EXPERIENCE

Fidelity Investments, Durham, NC

Associate Software Engineer (Part-Time)

- August 2020 – Present
 - Currently working on AWS application that will be used by more than 10 teams, tasks include: updating DynamoDB using Lambda, forwarding logs from CloudWatch to spunk, and retrieving data from DynamoDB using Lambda to iterate application config located in S3 bucket.

Software Engineering Intern

- June 2020 – August 2020
 - iOS design and development using XCode. Implementation of an application showing all the usable components in write-only mode and read-back mode. Used by more than 10 teams to learn how they can interact with components that can then be used in their product.
- May 2019 - August 2019
 - Worked as a cloud computing intern to develop a cloud application that provides an extensible repository to generate quick-state projects using python and flask.
 - Automated deployments and execution of multiple concourse pipelines with Python.

Tech@NCState, Front-End Developer, Raleigh, NC - January 2020 - June 2020

- Frontend developer for non-profit called feed the pack to allow their employees to clock in, clock out, and checks the shifts they have worked in the past. Application used by more than 50 volunteers of feed the pack.
- Used Typescript and React to implement clocking in, clocking out, and retrieving employees shifts, and HTML and CSS to display the button for clocking in, clocking out, and their shifts.

Personal Project - MemeBot

- Bot made in python using discord API. Bot deployed on AWS EC2 instance, that is used by more than 20 users.
- Based on a message sent in a discord server bot scans message and if part of message matches a key in the dictionary, bot will join the voice channel where user is located, then play a mp3 file associated with key and leave the channel.

EDUCATION

North Carolina State University, Raleigh, NC | Class of 2021

Bachelor of Science, Computer Science

Technical Skills:

Programming Languages: Java, Python, C, C++, Typescript, Swift, Kotlin, HTML, CSS

Technology Proficiencies: iOS, AWS, Docker, Git, Node, Bash

Relevant Courses:

- Software Engineering
- Object-oriented programming
- Operating Systems
- Network Security
- Data Structures and Algorithm
- Computer Networks
- C and Software Tools
- Software Security