Atif Shaikh

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EDUCATION

University of California, Riverside

Bachelor of Science, Neuroscience   Completed June 2021

University of California, Los Angeles

Full Stack Developer Boot Camp   Completed April 2021

SKILLS

- Languages: JavaScript, Python, C#, HTML/CSS
- Frameworks: React, Node JS, Flask, Express, jQuery, Bootstrap
- Databases: MySQL, MongoDB, DynamoDB

WORK EXPERIENCE

Online Health Insurance Enrollment System - Serverless Bytes   **Los Angeles, CA**

Full Stack Developer   *January 2021 – Present*

- Designed and implemented a public facing serverless web application using React for the front end and AWS Lambda for the backend.
- Created SAM templates for local development and testing of Lambda functions.
- Used CI/CD pipelines to deploy an API gateway for the Lambda functions.
- Implemented AWS Cognito for user identification and authentication.
- Deployed to S3 using CI/CD pipeline and used AWS CloudFront for static website content.
- Live deployment: https://d1cbbuor1z6rs3.cloudfront.net

Remote Patient Monitoring System – Serverless Bytes   **Los Angeles, CA**

Full Stack Developer   *December 2020 – January 2021*

- Designed and implemented an application that ingests and stores patient data, such as glucose and blood pressure readings.
- Implemented a Rest API using python and flask which is used by patient monitoring devices. The devices send patient medical data which is stored in an AWS DynamoDB table.
- Responsible for deployment and maintenance of the service on an AWS EC2 instance.

Code Ninjas Torrance   **Torrance, CA**

Lead Code Instructor   *June 2020 – February 2021*

- Taught a variety of age groups many classes on Python, HTML, JavaScript, Roblox Studio, Thunkable, and Scratch.
- Communicated and coordinated with management and instructors on current and future improvements to classes and projects, resulting in more efficient and engaging classes.
- Redesigned class curriculum to use updated technologies and frameworks, along with writing and recording corresponding instructional guides for future instructors.
- Mentored junior instructors on coding and teaching concepts and helped interview potential instructor candidates.

PROJECTS

Woofer: A Social Media Platform for Pet Owners

- Designed end-to-end application to handle user signups, logins, and profiles. Allowed users to add pet profiles and view and friend other users. Implemented an inhouse chat solution using JavaScript and MySQL.
- Made the front end with Handlebars, the server with express, and the backend with MySQL and Sequelize as the ORM.
- Used Cloudinary to handle image upload and retrieval for user and pet profiles.

Bounce: A Question-and-Answer Application

- Designed and made a MERN stack application which is a Q&A forum that allows users to post, answer, upvote, categorize, and sort questions.
- Added features such as an upvote and downvote system, favorite answer system, filtering questions by category, and searching for questions by key words.
- Built the front-end using React and Bootstrap, handled image uploads with Cloudinary, and used tinyMCE for the text editor for users to post questions with.
- Implemented Express for the server with MongoDB as the database and Mongoose as the ODM.