

Atif Shaikh

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EDUCATION

University of California, Riverside

Bachelor of Science, Neuroscience

Expected 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

Serverless Bytes

Backend Developer

Los Angeles, CA

December 2020 – February 2021

- Designed and implemented a system that ingests and stores patient data, such as glucose and blood pressure readings.
- Built a Rest API, using Python and Flask, to which devices could send patient data that would then be stored in a DynamoDB table.
- Deployed and maintained the service on an AWS EC2 instance.

Code Ninjas Torrance

Lead Code Instructor

Torrance, CA

June 2020 – February 2021

- Taught a variety of age groups many classes on Python, HTML, JavaScript, Roblox Studio, Thinkable, and Scratch.
- Communicated and coordinated with management and fellow instructors on current and future improvements to classes and projects, resulting in classes being more efficient to teach, and more engaging for the students.
- Rewrote entire class curriculums to use updated technologies and frameworks the course, along with writing and recording instructional guides for future teachers.
- Mentored junior instructors on coding and teaching concepts and helped interview potential instructor candidates.

PROJECTS

Food for Days: A Meal Planning Website

- A website that allows users to search for food products or recipes, get their macronutrient values (calories, carbs, fats, lipids), and create and manage meal plans to keep track of major macronutrients and overall caloric intake.
- Built a responsive and dynamic front end using JavaScript, jQuery, and Chart JS to allow users to easily search for and quickly add and remove foods from meal plans.
- Integrated website with Edemam Recipe Search API and USDA Food Data Central API to search and obtain nutritional values.

Woofers: A Social Media Platform for Pet Owners

- An 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

- Implemented using the MERN stack, is a Q&A forum that allows users to post, answer, upvote, categorize, and sort questions.
- Features include an upvote and downvote system and gives the creator of a question the option to favorite useful and relevant answers. Users can also filter questions by relevant categories and search by keywords.
- 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.
- The Backend used Express with MongoDB as the database and Mongoose as the ODM.