Mohammed Naeem
Software Engineer

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Github

Skills

Languages: CSS3, HTML5, JavaScript (ES5/ES6/ES7/NodeJS), Python, Typescript
Frameworks: Flask, Node.js, React, React Native
Databases: SQL (PostgreSQL)
Tools/DevOps: Firebase, Git, Heroku, Jupyter Notebook

Experience

Sunfield Advisors: *Data Analyst Intern*   MARCH 2023 - PRESENT
- Worked with a team of 3-4 senior partners to help close Mergers and Acquisition deals between companies.
- Utilized tools like Factset, and ZoomInfo to help look for potential buyers and sellers for each individual project where the client wanted a suitable investor.
- Assisted with the contact us form on the company website with a freelance engineer and was able to properly send forms to the head partner from potential clients.

Co.Lab: *Software Developer Intern*   NOVEMBER 2023 - FEBRUARY 2024
- Collaborated with a group of Product Managers, Product Designer and Developers to create a groundbreaking application in the health industry for users to be able to track how much time they are spending outside.
- Acquired a plethora of new skills such as React Native, Backend implementation and collaboration in a professional technical setting.
- Developed a Backend system using Python and Node.js to store and manage user IDs alongside other critical user data such as the date, time, start time for the walk, end time for the walk, etc.
- Conceptualized the Front-End with the Product Designer and other Developers to create a user friendly flow to allow the user to have an easier navigation through the application.
- Tested and deployed said application to the AppStore and the Google Play Store along with beta versions of the app to test minor bugs and issues with the application.
- Coded the front-end and implemented the back-end of the application and optimized user experience by 50%.

Coding Temple: *Software Engineer*   NOVEMBER 2021 - MAY 2022
- Created database tables using PostgreSQL and insomnia to test the users' updates to the database.
- Built and implemented data tables using ElephantSQL and created functional ERDs for specific projects.
- Developed a web application that implements Flask as both a Front-End and a Back-End and React as a Front-End and Flask as the Back-End.
- Managed a team to help create design focused static HTML and CSS pages for clients.
- Established a great understanding of Object Oriented Programming (OOP) and implemented the concept in various projects.
- Managed 3 REST APIs using ReactJS and Flask in combination with PostgreSQL Databases.

Projects [Time.Out] - Software Engineer
- Technologies:Javascript, React Native, Node.js, Expo, ExpoGo, MongoDB
- Constructed a mobile application using React Native that tracks the users time spent outside and allows the user to record their time and save it in a database so that the user can have a analytical view of their progress in terms of time as well as view their highest current streak that they have been walking and taking a TimeOut.
- Integrated the backend API with Node.Js to retrieve user data as well as push notifications to allow a more interactive UI.
- Worked with a team of 3-4 and worked closely with the Product Designer and Developer to make a UI that is fluent and agile with the product and making it user friendly.

[Poke-Shop Web Application] - Software Engineer
- Technologies: CSS, Javascript, React, Flask, PostgreSQL, Node.js, Insomnia, JSON
- Designed a multi-page web application using React, Bootstrap, and CSS for the Front-End and PostgreSQL and Flask for the Back-End, to utilize a Pokemon API where the user can add, or remove a Pokemon to and from the cart which can then be viewed on the users profile with 100% user friendly design
- Authenticated user Email and Password with authentication routes that allow the login and create account forms to share information between, and from, Google's Firebase which increased user login by 60%
- Managed user's carts through Back-End routes that allow the Database to collect information regarding what the user has checked out from the cart.