

# Mohammed Naeem

## Front-End Developer

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### EXPERIENCE

#### Software Engineer - Co.Lab

11/2023 - 02/2024

- 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.
- Addressed the challenge of encouraging users to spend more time outdoors by implementing real-time data integration using Node.js and MongoDB for outdoor activities, along with push notifications and goal-setting features to enhance user engagement and track progress effectively.
- Learned a plethora of new skills in a matter of two to three weeks such as React Native, Backend implementation with MongoDB, and Node.js and collaborated in a professional technical setting.
- 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 90%.

#### Data Analyst Intern - Sunfield Advisors

11/2022 - present

- Provided support to the Senior Deal Making team throughout the entire deal cycle
- Contributed research related skills to allow the senior team to allow them to make more level headed decisions in the deal cycle and how to look for potential and future clients.
- Collaborated with the market research team in the IT industry, utilizing financial software and tools for comprehensive data analysis and reporting.
- Proficient in Excel-based financial and data modeling, showcasing strong quantitative and analytical skills for interpreting complex market data.

#### Software Engineer - Coding Temple

11/2021 - 05/2022

- 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.

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### PROJECTS

#### [TimeOut!] - 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 that draws the user back to the app.
- 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

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**Languages:** Javascript(ES5/ES6/ES7/NodeJS), Python, CSS3, HTML5, Typescript

**Frameworks:** React, Flask, Node.js, ReactNative

**Design + Infrastructure:** Firebase, Git, Heroku, Jupyter Notebook, Netlify, AppStore Connect, Expo, ExpoGo