Iffat Hossain

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EDUCATION

General Assembly New York, NY
Software Engineering Immersive *Feb. 2022 – May 2022*

EXPERIENCE

Software Engineering Immersive (Teaching Assistant) July 2022 – Present
General Assembly *New York, NY*
- Holding office hours daily assisting students with homework, labs, projects, problem solving, debugging, providing assignment feedback, and any concepts covered in course
- Utilizing communication skills and leadership to teach fundamentals of Javascript development to students
- Weekly meeting with instructional team to discuss student progress and needs as well as discussing solutions
- Adapting to the GA curriculum and using it to guide and teach programming concepts through Python, JavaScript, HTML5, and CSS initially before moving to databases like PostgreSQL, and MongoDB in conjunction with Express.js and Node, or Django and tying in React for front-end, along with continuous learning for myself.

Software Engineer - (Freelance) May 2022 – Nov 2022
Bootcamper *New York, NY*
- Full Stack software developer for Bootcamper including-
- Assisting in creating an application Boot camp grads and recent college grads can use to collaborate on projects
- Working in a startup environment and navigating software development around an existing code infrastructure and learned the basics of using react native. Creating reusable components in react native, as well is migrating code to Reactjs
- Collaborative work with a team of engineers and designers to implement new features, creating and updating Ui / UX design and components from Figma lofi
- Utilizing Agile Methodologies, attending weekly stand ups to discuss progress, any blockers, and plan sprints, and using Jira kanban board to track tickets, issues, or backlogs, give and receive feedback

Maintenance Technician Specialist Feb 2021 – Jan 2022
Lime *Brooklyn, NY*
- Oversee, monitor, and inspect mechanical or electrical installations, ensure quality standards meet customer needs
- Conduct performance analysis and document results
- Prepare cost and materials estimates and scheduled maintenance

PROJECTS

<u>@Aiqualbot</u> | <u>GitHub</u>
- A Twitter bot created to provide useful information to users regarding the current air quality index of the city they searched
- The bot was created using python, tweepy which is the Twitter SDK in python, twitter API, and data for air quality provided by WAQI API
- To interact with the bot users just need to post a tweet mentioning the bot, and add airqual followed by the name of the city they wish to search for. The bot then replies with the current PM2.5 air quality in the given city
- An upcoming update to the bot will be deployment to a cloud function

<u>ApexStatTracker</u> | <u>GitHub</u>
- This application allows players of the popular game Apex Legends to look up their player stats
- Created using Reactjs and javascript, fetching player data using the Apex tracker gg API.
- The app allows users to select their platform and enter the username they wish to search. Results will provide the respective players' game stats and an image of their avatar, and on a separate card will be the character they played most recently.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL (Postgres), Mongoose, HTML/CSS, Tailwind CSS
Frameworks: React js , Node.js, Flask, Django, MongoDB, Express.js
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, Jira, Confluence, Atlassian, NPM, Figma
Concepts: Agile, Scrum, object Oriented Programming, front-end, backend, design, Rest, Crud, nosql, problem-solving , communication, json, responsive design, web3, communication skills, analytical skills