

# Iffat Hossain

## Software Engineer | Full Stack Developer

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[Iffat Dev Portfolio](#) | [Github](#) | [LinkedIn](#)

Creative engineer with experience in web development, customer service, and teaching software engineering. I am a collaborative developer who loves to contribute to a team but am able to manage tasks and work independently as well. As a technician, I gained invaluable troubleshooting experience and learned to calmly approach any challenge. As a software engineer, I enjoy bringing this level-headedness together with my technical skills to build web applications that provide users with a simple and enjoyable experience!

### SKILLS

Front-End Development, Back-End Development, JavaScript, HTML, CSS, Tailwind, Python, React, SQL (PostgreSQL), MongoDB, Mongoose, Node.js, Express.js, Django, Github, Figma, RESTful API, JSON, Agile development methodology, Scrum, Debugging, Postman, git, Object-Oriented Programming, Automation, CI/CD, Cloud Technologies (AWS EC2), User Authentication, Jira Kanban

### PROJECTS

[AigualBot](#) | A twitter bot that scans for a mention of itself in combination with a hashtag and a specific city and responds to the tweet with a PM2.5 air quality for that city

- Built using Python. With Tweepy as the SDK, and OAuth to interact with twitter's API. The project was deployed to AWS EC2 Instance with automated python script to continuously run in a cloud environment

[APEX Stat Tracker](#) | A web application built for users to search their game statistics and analytics

- Front-End is programmed with REACT, Javascript, and Tailwind CSS. Built a proxy server with Express to consume the tracker.gg API and bypass CORS.

### EXPERIENCE

**General Assembly** | New York, NY

**Teaching Assistant (Software Engineering Immersive)**

July 2022 - Present

- Taught key full-stack web development concepts to software engineering students to ensure their comprehension of modern web development technologies
- Supported students during development sprints, providing code review feedback, tips, and debugging support
- Employed effective communication skills and leadership abilities to instruct students on the fundamentals of Javascript development.
- Convened with the instructional team weekly to discuss student progress, identify areas for improvement

**Software Engineering Fellow**

Feb 2022 - May 2022

- Designed, developed, and deployed web applications in a project-based learning environment focused on MERN technologies and Vanilla Javascript
- Worked independently to research and learn supplementary tools and languages while collaborating in week-long sprints in a mock Agile environment
- Ran troubleshooting exercises to optimize scalability, load times and functionality

**Camper, New York, NY**

Full-Stack Software Engineer | Freelance

May 2022 - Nov 2022

- Assisted in developing an application for developers and designers to Create a community platform making it simple to find and work with collaborators on a project. Designed to encourage cross-functional collaboration between UX designers and developers
- Operated in a startup environment, navigating software development around an existing code infrastructure
- Migrated code from REACTJS to REACT Native to build a mobile application
- Implemented new features based on Figma prototype hand offs from UX Designers for UI development
- Utilized Agile methodologies, and attended weekly stand-ups to discuss progress, blockers, and sprint planning, and used Jira Kanban board to track tickets, issues, or backlogs, as well as giving and receiving feedback.

**Maintenance Technician Specialist** Feb 2021 - Jan 2022

Lime, Brooklyn, NY

- Supervised, monitored, and inspected mechanical and electrical installations to ensure that quality standards meet customer needs.
- Conducted performance analyses and documented the results to ensure optimal system functionality.
- Prepared cost and materials estimates for projects, and scheduled maintenance to ensure optimal performance and longevity of systems.

### EDUCATION

**General Assembly, Software Engineering Certification**

**New York City College of Technology, 24 Mechanical Engineering credits**