

Iffat Hossain

Software Engineer | Full Stack Developer

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

Summary:

Creative software engineer with a passion for web development, customer service, and teaching software engineering. Collaborative team player experienced in full-stack development, troubleshooting, and managing projects independently. Committed to delivering simple and enjoyable user experiences through level-headedness and technical expertise.

Skills:

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

Projects:

[AigualBot](#) |

- Developed a Twitter bot using Python, Tweepy SDK, and OAuth to respond with PM2.5 air quality data when mentioned with specific hashtags and cities.
- Deployed the project on an AWS EC2 instance with automated scripts for continuous cloud-based operation.

[LessCarbon](#) |

- Created a platform and community called LessCarbon for users to connect and express themselves.
- Developed a robust backend REST API using MongoDB, Express.js, and Node.js to handle CRUD functionality for articles and user authentication.
- Built a dynamic and user-friendly frontend using React.js to consume the REST API, enabling users to browse, create, and comment on articles.
- Implemented secure user authentication using JWT (JSON Web Tokens) for authorized access.

Experience:

Teaching Assistant (Software Engineering Immersive) | New York, NY

July 2022 - Present

General Assembly

- Instructed 3 cohorts of software engineering students on key full-stack web development concepts, ensuring comprehension of modern web technologies.
- Provided code review feedback, tips, and debugging support during development sprints.
- Collaborated with the instructional team to discuss student progress and identify areas for improvement.

Software Engineering Fellow | New York, NY

Feb 2022 - May 2022

General Assembly

- Designed, developed, and deployed web applications using MERN technologies and Vanilla JavaScript in a project-based learning environment.
- Conducted independent research to learn supplementary tools and languages while collaborating in week-long sprints.
- Optimized scalability, load times, and functionality through troubleshooting exercises.

Full-Stack Software Engineer | New York, NY

May 2022 - Nov 2022

Freelance, Camper,

- Assisted in developing a community platform for developers and designers to find collaborators on projects.
- Successfully migrated code from ReactJS to React Native to build a mobile application.
- Implemented 4 new components based on Figma prototype handoffs and utilized Agile methodologies for project management.

Maintenance Technician Specialist | Brooklyn, NY

Feb 2021 - Jan 2022

Lime

- Monitored and inspected mechanical and electrical installations to ensure adherence to quality standards.
- Conducted performance analyses, documented results, and optimized system functionality.
- Prepared cost and materials estimates, scheduling maintenance for optimal system performance.

Education

General Assembly, Software Engineering Certification, New York, NY

May 2022

New York City College of Technology, 24 Credits toward Mechanical Engineering Major

May 2013