

# Mohammad Iftekhar

Frontend Software Engineer

762-688-3755 | iftekharhussain120@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## PROFESSIONAL SUMMARY

Frontend Developer with 3.7 years of experience building responsive and scalable web applications using HTML5, CSS3, JavaScript, TypeScript, and React.js. Familiar with UI and styling libraries such as Material UI, Tailwind CSS, and SASS. Proficient in Redux and RTK Query for efficient state and API management. Experienced in using modern development tools like Vite and Vitest to streamline coding, testing, and performance tuning. Strong collaborator with a passion for clean code, accessibility, and delivering intuitive user experiences.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS.

**Frameworks/Libraries:** React, Redux, React Router, RTK Query, Next.js, MQTT, Bootstrap, Material-UI, Tailwind, SASS.

**Version Control:** Git, GitHub, Bitbucket.

**Build Tools & Testing:** Babel, NPM, Yarn, Vite, Jest, React Testing Library.

**Tools:** VS Code, Figma, Mend, SonarQube, Keycloak (for theme and authentication.)

**Data Visualization & Project Management:** amCharts (v4 & v5), HighCharts, Agile, JIRA.

## EXPERIENCE

### Software Engineer

July 2022 – Present

Iot83

Gurugram, India

- Worked as a UX/UI Designer and Front-End Developer at Iot83, responsible for designing and developing web templates, creating reusable UI components with React, integrating APIs, and building data visualizations using amCharts.
- Improved application performance by 30% through code-splitting and lazy loading.
- Developed scalable React.js applications utilizing Redux and Context API for efficient state management.
- Converted Figma wireframes into production-ready React components using JavaScript best practices.
- Identified user interaction patterns and built highly responsive UI components using core React concepts.
- Actively participated in Agile processes, code reviews, and task tracking using JIRA and Git-based workflows.
- Integrated SonarQube for code quality analysis and maintained 95%+ test coverage with Jest/RTL.

## INTERNSHIPS

### Full Stack Web Development Bootcamp

July 2021 - February 2022

Newton School

- Learned technical stack: Java, HTML, CSS, JavaScript, React, React Router, and Bootstrap.
- Participated in various coding contests organized by the platform.
- Worked on various projects: a food ordering app, a calculator, a Tic-Tac-Toe game, and a Facebook log-in page.

## PROJECTS

### MAH (Multi Asset Handler)

Dec 2024 – Present

*Created a scalable IoT platform for device and firmware lifecycle management.*

- Converted Figma designs into responsive, pixel-perfect UI components using React, TypeScript, HTML and SASS.
- Created interactive data visualizations with amCharts5 and dynamic tables, allowing users to track asset or device health, firmware versions, and update statuses in real time.
- Reduced development time by 60% through the creation of pre-built widgets and reusable components, significantly accelerating onboarding for non-technical users.
- Integrated Keycloak for secure authentication and role-based access control.

### OEDC (Data Studio Application)

Nov 2023 – Dec 2024

- Built a dynamic data visualization platform with custom dashboards tailored to user needs.
- Implemented a real-time data platform featuring MQTT/WebSocket ingestion, Keycloak-secured access, and a React Flow-based visual rule engine.
- Built an intelligence suite for data prep, histogram insights, and advanced SQL queries with CodeMirror.

Eaten, Siemens, Renesas, Sortinghat, Face Recognition Application, and more... |

Jul 2022 – Present

## EDUCATION

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**Bachelor of Technology in Mechanical Engineering**

*Malout Institute of Management and Information Technology, Punjab*

2017 – 2021

Grade: 6.91/10.0

## AWARD

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**Employee of the year, Iot83:** Recognized for outstanding performance at Iot83.