

MOHAMED IRFANULLAH M

FullStack Developer

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Profile Summary

Fullstack Developer with expertise in **Node.js** and **React.js**, building scalable, high-performance web applications.

Experience

J.P. Morgan Software Engineering on Forage (Virtual Internship) | [GitHub](#) April 2024

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's **open source library** called **Perspective** to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Projects

Expense Tracker | *MERN Stack Application* | [GitHub](#) | [View](#) August 2024

- Developed a personal finance web application, enhancing budget tracking and alert systems.
- Implemented user authentication using **JWT** for secure login and registration, and utilized **Nodemailer** for sending budget alerts.
- Integrated **Chart.js** to provide graphical reports and analytics, allowing users to visualize financial data for better decision-making.
- Used **Redux-Toolkit** for state management, ensuring efficient handling of application state and data flow.

ChatsUp | *MERN Stack Application* | [GitHub](#) | [View](#) August 2024

- Developed a real-time chat application, enabling users to send and receive messages instantly with **Socket.io**.
- Implemented secure user authentication with **JWT**, managing user sessions effectively.
- Created user profile management features, allowing users to update and view their personal information.
- Integrated contact management, allowing users to chat only with their approved contacts, enhancing privacy.
- Added real-time notifications for incoming messages using React Hot Toast with sound alerts to improve user engagement.
- Utilized **Tailwind CSS** and **DaisyUI** to design a modern UI.

Ecommerce API | [GitHub](#) | *Node.js, Express.js, MongoDB* May 2024

- Designed and implemented a **RESTful API** for an e-commerce platform to manage product inventory using Node.js and MongoDB. The API allows adding, listing, updating quantities, and deleting products.
- **Developed scalable API** endpoints for managing product inventory, including creating, listing, updating quantities, and deleting products.
- Implemented a well-organized folder structure for models, controllers, and routes, ensuring maintainability and scalability.
- Utilized MongoDB for database storage, incorporating Mongoose for seamless data interaction.
- Conducted thorough testing using **Postman to validate API functionality** and ensure robustness

Technical Skills

Languages: Python, HTML/CSS, JavaScript, Node.js

Developer Tools: VS Code

Databases: MySQL, MongoDB, Firebase-Cloud Firestore

Frameworks/Libraries: Bootstrap, React.js, Express.js

Additional Skills: OOPS, Generative AI(Prompt Engineering)

Soft Skills: Creative thinking, Team Work, Interpersonal Communication, Problem Solving.

Education

Jamal Mohamed College, (CGPA: 8.6)

Bachelor of Computer Application

July 2020 – May 2023

Tiruchirappalli, Tamil Nadu

Neelan Matriculation, (Percentage: 71.5)

Higher Secondary (Class XII)

April 2019 – March 2020

Needamangalam, Tamil Nadu

Trainings

Coding Ninjas

Dec 2023 - Present

Full Stack Web Development

- [Frontend](#) | [Backend](#) | [Generative AI](#)