

# MEHUL RAJ

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## Summary

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Postgraduate students skilled in full-stack web development using the MERN stack and moving towards Next.js

## Projects

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### Helpdesk System | *React, Express, MongoDB, TailwindCSS*

GitHub — LIVE

- A helpdesk system which is used for handling technical and operational issue related to an organization.
- It is based on Role-Based Access Control(RBAC) model, each role has its own permissions.
- Web app is based on MERN stack for better user experience.
- TailwindCSS is used for responsive UI, both for Mobile and Desktop
- Backend is based on Model View Control(MVC) structure.

### Expense Tracker | *React, Express, MongoDB, RESTful API*

GitHub — LIVE

- Web Application which will be used for managing and tracking expenses and income.
- Whole application is based on MERN stack for better user experience and interactions through charts.
- Context API is used for state management and Chart.js for visualization of income and expenses.
- Category filters and real-time updates for smooth user experience with responsive UI through TailwindCSS and client-side navigation through React Router.

### F1.Street(E-Commerce) | *React, TailwindCSS, Express, MongoDB, Stripe*

GitHub — LIVE

- A Web replica of an e-commerce site with a modern style approach and responsiveness.
- F1.Street has been built using the MERN stack.
- Users can view all products, add them to the cart, and make payments via Stripe integration.
- Authentication is provided using JWT and bcrypt hashing.

## Technical Skills

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**Languages:** C/C++, JavaScript, TypeScript, Java

**Frontend:** HTML, CSS, JavaScript, React, Redux, TailwindCSS, EJS

**Database:** MySQL, NoSQL (MongoDB)

**Backend/Framework:** Node.js, Express

**Tools and Platforms:** Git, GitHub, Visual Studio Code, IntelliJ, Docker, Postman, Insomnia, Figma

**Others:** WebSockets, RESTful API, JWT, Stripe, Mongoose, CORS, CRUD Operations

## Education

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### Bachelor of Computer Application

Oct 2021 – 2024

Percentage: 75%

### Master of Computer Application

Sep 2024 – 2026

Pursuing

## Certifications

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**WEB DEVELOPMENT** — Udemy

**Java** — IIT Bombay