# Manish Gupta

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## About

MERN Stack Developer with 1+ year of experience in building responsive web applications using React, TailwindCSS, Redux, Express, MongoDB, and Docker. Focused on writing clean, efficient code and optimizing user experiences. Currently learning backend with goang to expand backend development skills and eager to learn and improve through hands-on projects.

## Education

**National Institute of Technology, Srinagar** — Srinagar
B.Tech Computer Science *GPA: 7.93* — Aug 2018 - July 2022

## Experience

**Farmersfusion.com** — Patna, Bihar
*MERN Developer* — May 2023 - April 2024
- Built and integrated over 20 dynamic React components, improving site interactivity and user experience.
- Created and optimized MongoDB schemas, reducing data retrieval times and improving system efficiency.
- Enhanced user experience with animations and responsive design, resulting in improved mobile usability.
- Developed API communication layers, streamlining interactions between the frontend and backend.

**Freelancer** — Patna/Noida
*Web Developer* — Jan 2024 - Present
- Designed and developed responsive web UIs using React, improving user engagement across different devices.
- Created backend services and APIs to support frontend functionalities, enhancing overall site performance.
- Assisted clients with customizing and enhancing existing web designs, improving site usability and aesthetics.

## Skills

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| **Frontend**: | Reactjs, TailwindCSS, Daisy UI, Bootstrap, TypeScript. |
| **Backend**: | Expressjs, MongoDB, Nodejs, Redis, Golang, SQL,RabbitMq, NestJs. |
| **Libraries**: | Redux Toolkit, React Router Dom, React Query, Framer Motion. |
| **Tools**: | Docker, Postman, Git, JWT, REST APIs. |

## Projects

- **Frontend Projects** *Reactjs, TailwindCSS, Framer Motion, React Query, Redux Toolkit, Unsplash API, OpenWeatherAPI* — Visit My Portfolio
  - **Portfolio**: A personal portfolio website with multiple themes, animations, and a contact form. Features multiple hero themes and animations for an enhanced user experience. It also includes a contact form to message directly via email and is fully responsive across desktop and mobile. Built with Reactjs, TailwindCSS, and Framer Motion.
  - **Image Gallery**: An image gallery app with infinite scroll, debouncing, sorting, and searching. It uses React Query for fetching and caching images, lazy loading for better performance, and features a grid layout for responsiveness. Built with Reactjs, React Query, TailwindCSS, and the Unsplash API.
  - **Klimate v1**: A weather app providing real-time weather forecasts. It includes location search, real-time data, and optimal performance through React Query. Designed with a modern UI using TailwindCSS, this app is fully responsive and built with Reactjs, Redux Toolkit, React Query, and OpenWeatherAPI.

- **MERN Chat v1** *Reactjs, MongoDB, Expressjs, TailwindCSS, Redux Toolkit, Socket.io* — Mern-Chat-v1
  A real-time chat app with features like user authentication, real-time messaging, and a modern UI.
  - User authentication and authorization with JWT.
  - Real-time chat with Socket.io and online/offline indicators.
  - Interactive glassmorphism UI and responsive design.

- **Aesthetic AI** *Next.js, Reactjs, TailwindCSS, OpenAI, NeonDb* — Aesthetic AI An AI-powered app that generates interior design ideas based on user inputs.
  - AI integration for personalized room design suggestions.
  - Built using Next.js and TailwindCSS for modern, scalable design.

- **Green Light REST API** *Go, PostgreSQL* — Green Light API Developed a scalable, robust REST API using Go and PostgreSQL with features like:
  - Structured logging, dependency injection, and repository pattern.
  - CRUD operations, full-text search, filtering, pagination, and more.
  - Graceful shutdown, concurrency management, timeouts, and rate-limiting.
  - JWT-based authentication and CORS support.

- **Personal Tech Blog REST API** *Node.js, Express, MongoDB, Redis, JWT, Nodemailer* — Personal Tech Blog API A RESTful API for a personal tech blog with OTP-based login and email subscription features:
  - OTP login without passwords, optimized using Redis for fast access.
  - Blog CRUD functionality with email notifications using Nodemailer.
  - JWT-based authentication for secure user access.