

DEVENDRA MANI TRIPATHI

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github.com/DEVENDRA-MANI-TRIPATHI | leetcode.comu/mani_/ | mani-s-portfolio-mauve.vercel.app

EDUCATION

GL Bajaj Institute of Technology and Management
Bachelor of Technology, Electronics and Communication Engineering

Greater Noida, India
2020 – 2024

EXPERIENCE

Aviotron Aerospace

May 2024 – Present

Software Engineer Trainee

Noida, India

- **Developed** a **full-stack application** using **React** for the front end and **Firebase Realtime Database** for the back end, enabling seamless **real-time data communication**.
- **Built and deployed** RESTful APIs using **Node.js** and **Express.js** to handle server-side logic and manage data flow between the client and database.
- **Optimized front-end components** by transitioning from class-based to functional components in React, improving performance and maintainability.
- **Designed and implemented** a user-friendly interface to **visualize data**, enhancing the overall **user experience and engagement**.
- **Applied modern software development practices**, including component-based architecture and state management, ensuring scalable and maintainable code.


Software Engineer Intern


April 2024 - May 2024

- Worked on developing and enhancing UI components, implementing **features** to improve functionality and user experience. **Gained experience** in transitioning components from **class-based to functional components** using modern React practices. Contributed to building a full-stack application, integrating front-end interfaces with back-end systems to ensure seamless performance.


PROJECTS


Personal Portfolio | React, Tailwind CSS, JavaScript

GitHub 


- Developed a responsive and interactive front-end application using **React** and **Tailwind CSS** for seamless user experience.
- Implemented smooth animations and transitions using **GSAP** and **Lenis**, enhancing visual engagement.
- Focused on building reusable and efficient components with modern JavaScript best practices.
- **LIVE LINK** 

Real-Time Chat Application | React, Node.js, Express.js, MongoDB, Socket.IO

GitHub 

- Built a **real-time chat application** enabling instant communication between users through **Socket.IO**.
- Implemented a **scalable back-end** using **Node.js**, **Express.js**, and **MongoDB** for persistent storage of user data and chat messages.
- Designed a responsive and user-friendly interface using **React**, providing a seamless user experience across devices.
- **LIVE LINK** 

Ecommerce App | React, Node.js, MongoDB, Express.js **Github**

- A comprehensive **MERN stack** application with **authentication** and **integrated payment gateway**
- This includes **robust user management** functionalities, such as user registration, login, and **profile management**, secured through **JWT authentication** and **encrypted password storage**.
- **LIVE LINK** 

TECHNICAL SKILLS

Core Skills: Problem-Solving, Data Structures and Algorithm, Computer Networks, Operating System, Database Management

Languages: Javascript, C/C++, HTML/CSS, MongoDB

Frameworks: React, Node.js, Express, Tailwind CSS, Material-UI, Moongose, Prisma ORM

Developer Tools: Git, VS Code, GitHub, Postman