

Mayank Monu

mayank.monu2310@gmail.com | +91 7488020965 | Portfolio Site | linkedin.com/in/mayank-monu
github.com/Monu2310

Education

Thapar Institute of Engineering and Technology, *Master of Computer Applications* July 2024 – Present

- **Coursework:** Data Structures, Operating System, Database Management, Design and Analysis of Algorithms, Software Engineering, Artificial Intelligence, Object-Oriented Programming, Theory of Computation.

Projects

PeerConnect – Campus Social Network Application | Tech Stack : *ReactJS, NodeJS, TailwindCSS, Javascript.*

- Developed a full-stack social platform that facilitates student connections through activities, messaging, and friend networks.
- Implemented real-time communication using Socket.io for instant messaging and group chat functionality.
- Built a responsive frontend using React.js, Framer Motion, and Tailwind CSS with custom animations and dark mode support.
- Engineered a RESTful API backend with Node.js and Express, featuring JWT authentication and MongoDB integration.
- Utilized Docker and Jenkins for streamlined CI/CD pipeline and containerized deployment.

Weather Website - Real-Time Weather updates and forecast. | Tech stack :

Javascript, HTML, CSS, APIs

- Live Weather Reports: Users can access real-time weather data, including temperature, humidity, wind speed, and forecasts.
- API Integration: The website utilizes a weather API to fetch up-to-date information, ensuring accuracy and reliability in the data presented.
- Global City Search: A user-friendly search bar allows visitors to easily find weather information for cities worldwide, enhancing accessibility and convenience.

StoreIt - Free online storage website. | Tech Stack : *NextJS ,ReactJS , Javascript, TailwindCSS , HTML*

- Developed a comprehensive full-stack web application enabling users to securely store and manage their files online.
- Utilized Next.js to implement dynamic routing and server-side rendering.
- Designed and integrated user authentication for personalized storage, supporting file uploads.
- Ensured a responsive and user-friendly interface using TailwindCSS for seamless interaction across devices.

Multiple-Landing Page Web Applications. | Tech Stack : *JavaScript, ReactJS, TailwindCSS, AnimeJS.*

- Developed responsive, high-converting landing pages with React.JS and Tailwind CSS, enhancing user engagement across all devices.
- Implemented dynamic animations using Framer Motion and Anime.js to create engaging user experiences with polished interactions..
- Optimized web performance through efficient code practices, achieving excellent page load speeds and responsive functionality.

Technical Skills

Languages

C++ , C, Javascript, Python, SQL, HTML, CSS, ReactJS, NodeJS, Tailwind CSS

Frameworks/Tools :Git, Github, Docker, Bootstrap, Jquery, ESLint, Zod, AnimeJS, ExpressJS, FramerMotion, SocketIO, ReactBits, Postman, MongoDB, VS Code, Microsoft SQL.