

Manmohan Shukla

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ACADEMIC DETAILS

Madan Mohan Malaviya University of Technology

2023 – 2027

Bachelor of Technology in Electrical Engineering

Gorakhpur, Uttar Pradesh

INTERNSHIP/EXPERIENCE

Web Development Intern

Prodigy Infotech

- Developed full-stack features using the MERN stack—building Node.js/Express APIs, crafting responsive React components, and modeling data with Mongo DB to enhance application functionality in order to decrease time needed for team members to identify and fix bugs/issues.
- Optimized performance by profiling and refactoring key modules, cutting page load times by 20% and API latency by 15%, and upheld code quality through Jest unit tests and ESLint/Prettier integration
- Collaborated with UX designers, , sharing progress, and ensuring on-time delivery .

PROJECTS

CanvasDraw

May 2025-June 2025

- GitHub Link:** [Manmohan-Shukla/CanvasDraw](https://github.com/Manmohan-Shukla/CanvasDraw)
- Built a collaborative web-based drawing application using HTML5 Canvas, JavaScript, and websocket enabling multiple users to draw in real-time.
- Developed a dedicated /rooms page to manage room permissions dynamically, improving usability and user experience.
- Focused on front-end interactivity, real-time synchronization, and efficient user role management to simulate modern whiteboard applications

ChatApp

January 2025

- Project Link:** [chat-app-v1](https://github.com/Manmohan-Shukla/chat-app-v1)
- Developed a real-time chat application using Socket.IO, Node.js, and Express, enabling seamless messaging across multiple chat rooms.
- Integrated room-based communication, allowing users to create or join specific chat rooms for organized and contextual conversations.
- Ensured smooth, real-time updates with optimized message broadcasting and connection handling for multiple concurrent users.

Second Brain App

January 2025

- GitHub Link:** [Manmohan-Shukla/Second-Brain](https://github.com/Manmohan-Shukla/Second-Brain)
- Developed second brain app using Typescript and React to register anyone as an user to create their own personalized instantaneous accessible storage.
- Implemented backend concepts to create an server in order to interact and store various links ,YouTube videos ,Tweets , documents etc.
- Created a smooth user interface to let user access and filter through database with keywords.
- It allows user to share their brain to other via link or private their brain for personal purpose.

SKILLS

Languages: React, Express Js, Next Js, Java, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Postman, npm

Technologies/Frameworks: Linux, Tailwind, GitHub, WordPress

EXTRACURRICULAR

National Cadet Corps

2024 – Present

Cadet

Madan Mohan Malaviya University of Technology

- Actively engaged as a cadet in the National Cadet Corps, where I completed rigorous training and leadership modules to earn the prestigious NCC 'B' Certificate.
- Organized and executed community service initiatives (e.g., blood donation camps, cycle yatra), mobilizing peers and liaising with local authorities.
- Demonstrated resilience and adaptability by completing obstacle courses, adventure training camps, and map-reading exercises under varied conditions.