

Manan Mehra

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EDUCATION

Thapar Institute of Engineering and Technology
B.E. in Computer Engineering

2021 - 2025
CGPA: 8.42

Salwan Public School(CBSE)
Senior Secondary

2020 - 2021
Percentage: 92.2%

EXPERIENCE

Suvidha Foundation

July 2024 - August 2024

Frontend Development Intern

Remote

- Developed and designed the homepage and all inner pages of the Suvidha Foundation PhD assistance website using HTML, CSS, and JavaScript.
- Ensured website responsiveness and user-friendly design to enhance user experience.
- Collaborated with the team to implement industry best practices in web development and design.

Klassify Technology Pvt Ltd

June 2023 - July 2023

NLP Project Intern

Gurugram, Haryana

- Applied AI and NLP techniques to categorize text data effectively with an average accuracy of **0.88** . Implemented algorithms for text analysis and classification.
- Trained a model using ML/DL on a dataset of **100 to 200** text samples, showcasing proficiency in handling and pre-processing large datasets.
- Incorporated Tkinter GUI, enabling users to select and classify files with a user-friendly interface.

PROJECTS

• StudyNotion

- Developed a fully functional ed-tech platform using the MERN stack, enabling users to create, consume, and rate educational content.
- Implemented secure and scalable back-end features with NodeJS and ExpressJS, including RESTful APIs and Razorpay integration, improving performance and payment processing speed by 25%.
- Managed complex data models with MongoDB, enhancing application security by 30% and reducing deployment time by 15% through automated testing and optimized API endpoints.

Technologies: MongoDB, React.js, Express.js, Node.js, Tailwind CSS

• Hospital Management System

- Implemented Role-Based Access Control (RBAC) for 3 user roles (administrators, doctors, patients), ensuring specific dashboard access permissions.
- Integrated a secure, real-time message board on the dashboard for seamless communication among administrators and patients.
- Developed an intuitive appointment booking system, allowing patients to schedule appointments with available doctors, reducing booking time by 50%.

Technologies: MongoDB, React.js, Express.js, Node.js, Tailwind CSS

SKILLS

Programming Languages: C++, Python, Javascript

Web Development: HTML, CSS, Javascript, Node.js, MongoDB, React.js, Express.js, Tailwind CSS

ML and DL : NLP, CNN and Data Preprocessing with libraries- pandas, numpy, matplotlib

Other Skills: Git/Github, VSCode, Jupyter Notebook, Firebase, Microsoft Excel, Postman, MySQL

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Operating System, Software Engineering, Machine Learning, Deep Learning

POSITIONS OF RESPONSIBILITY

Executive Committee Member

Jan 2024 - March 2024

URJA, TIET

- Enhanced team website for improved functionality and user experience as a key member of the executive committee in the technical department.
- Managed more than 200 students from different colleges within the hospitality department, delivering impactful results through collaborative efforts and showcasing adaptability in team environments.