Manan Mehra

9871999932 • mananmehra330@gmail.com • linkedin.com/MananMehra • github.com/Manan2810

EDUCATION

B.E., Computer Engineering — Graduating July 2025

Thapar University , Patiala, Punjab — 8.42 CGPA

Thapar Institute of Engineering and Technology

Relevant coursework: Data Structures and Algorithms, Database Management System, Computer Networks, Operating Systems, Software Engineering, AI, ML, Data Science

CBSE Class-XII — 2020 - 2021

Salwan Pubic School , New Delhi — 93.75 Percentage

CBSE Class-X — 2018 - 2019

Salwan Pubic School , New Delhi — 90.40 Percentage

TECHNICAL AND OTHER SKILLS

Programming Languages: C++, Python, Javascript

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

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

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

Hobbies: Cricket, Swimming, Photography, Gym, Going for Walks.

WORK EXPERIENCE

Klassify Technology Pvt Ltd, Gurugram, Haryana: NLP Project Intern — Jun 2023 – July 2023

- Applied AI and NLP techniques to categorize text data effectively with an average accuracy of 88 percent. 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 preprocessing large datasets. Incorporated Tkinter GUI, enabling users to select and classify files with a user-friendly interface.

ACADEMIC PROJECTS

StudyNotion — Jun 2024 - July 2024

- Developed a fully functional ed-tech platform using the MERN stack, enabling users to create, consume, and rate educational content.
- 50 plus API's are designed following the REST architectural style with Node.js and Express.js.
- Future Enhancements: Mobile app, Machine learning-powered recommendations, Creating personalized learning paths for each student based on their interests and learning style.

Hospital Management System — March 2024 – May 2024

- 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 precent.

POSITIONS OF RESPONSIBILITY

Executive Committee Member - URJA TIET — Jan 2024 – March 2024

- 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.

CERTIFICATES

- Mastering Data Structures and Algorithms - **Udemy**
- Simplified Approach to DBMS - **Udemy**
- National Workshop on Natural Language Processing - **DCSA Panjab University**
- Certificate of Merit Flipkart Grid 5.0 - **Flipkart**
- HackOWASP 5.0 Hackathon - **OWASP TIET**
- Hacklipse 3.0 Hackathon - **ACM TIET**