Mohit

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EDUCATION

NSUT (Netaji Subhas University of Technology)　　New Delhi, India
B.Tech in Computer Science and Artificial Intelligence　　2022 – 2026

VVDAV Public School　　New Delhi, India
Class 12　　2022

PROJECTS

Real-Time Chat Application

- Tech Stack: Node.js, Express.js, Socket.IO, HTML/CSS, JavaScript
- Developed a real-time chat application supporting private and group messaging using WebSockets via Socket.IO.
- Implemented user authentication, typing indicators, and message persistence using a simple in-memory structure.
- Focused on responsiveness, real-time communication, and smooth UI/UX for better user engagement.

Portfolio Website

- Tech Stack: HTML, CSS, JavaScript
- Designed and developed a personal portfolio to showcase projects, skills, and contact information.
- Implemented smooth navigation, modern UI design, and mobile responsiveness.

Parkinson's Disease Prediction

- Tech Stack: Python, Machine Learning, Scikit-learn
- Created a machine learning model to predict Parkinson's disease using biomedical voice data.
- Applied data preprocessing, feature selection, and classification techniques to improve accuracy.

Airlines Management System

- Tech Stack: C++, Data Structures
- Developed a command-line based airline management system using C++ and key data structures like arrays, linked lists, and queues.
- Handled functionalities like ticket booking, flight info, and passenger management.

TECHNICAL SKILLS

Languages and Libraries: Python, Java, C, C++, HTML/CSS, JavaScript, SQL, Pytorch, Numpy

Developer Tools and Frameworks: Git/Github, Google Cloud Platform, Jupyter Notebook

EXTRACURRICULAR ACTIVITIES

Team Lead – Campus Security Team

- Responsible for organizing, coordinating, and managing the college security team during events and day-to-day activities, ensuring smooth operations and safety.
- Led team members effectively, creating a system to improve security operations during high-stress events and large gatherings.

Active Participant – Technical Events

- Regularly participate in college-level and inter-college tech events, workshops, and hackathons. Passionate about exploring emerging technologies and learning through hands-on experiences.
- Collaborated with peers to innovate solutions for real-world problems during hackathons.

School/College Sports Team Member

- Participated in multiple sports events, representing the institution at various levels; demonstrated teamwork, discipline, and leadership on and off the field.
- Played crucial roles in team events, fostering team spirit and contributing to a positive sports environment.

Technology Enthusiast

- Continuously explore and learn about new technologies, tools, and trends in the tech industry through online platforms, communities, and personal projects.
- Passionate about building projects that solve real-world problems and enhance technical skills.