VAIBHAV YADAV

Kanpur, Uttar Pradesh

📞 +91-9151544696 ✉ vaibhavyadav0988@gmail.com 🔗 Linkedin ⊙ Github

CAREER OBJECTIVE

Computer Science student with a solid foundation in Data Structures, Algorithms, and Full-Stack Web Development. Passionate about developing scalable, user-centric applications and continuously learning new technologies. Seeking to contribute to a forward-thinking organization by applying technical and problem-solving skills to deliver innovative software solutions.

EDUCATION

Pranveer Singh Institute of Technology   **2022 - 2026**
*B.Tech CSE - Internet of Things(IoT) - **CGPA - 8.48***   *Kanpur, Uttar Pradesh*

St. Michael Convent School, Mankapur Gonda   **2021 - 2022**
*Intermediate - **Percentage - 90.60***   *Gonda, Uttar Pradesh*

K.T Public School, Ayodhya   **2019 - 2020**
*High School - **Percentage - 90.66***   *Ayodhya, Uttar Pradesh*

EXPERIENCE

Infosys   **Remote**
Data Science Intern   *Aug 2025 - Oct 2025*

- Selected as team representative among ve members for project presentations.
- Validated data pipelines by designing test cases and automation scripts to ensure data accuracy and reliability.
- Collaborated with distributed teams, documenting results to support e ective cross-team communication.

PROJECTS

AI-Based Autism Spectrum Disorder(ASD) Detection System☐ | Python   **May 2025 - Present**

- Built an AI-driven video analysis system to detect ASD-related repetitive behaviours (hand apping, spinning, head banging) from simple smartphone-recorded videos.
- Implemented a deep learning pipeline using CNNs for spatial feature extraction and LSTM/Transformer models for temporal behaviour recognition.
- Designed video preprocessing work ow (frame extraction, normalization, augmentation) and optimized the model for real-world, non-controlled environments.

Convox : Real-Time Chat Application☐ | MERN Stack, Socket.io   **July 2025 - Sept 2025**

- Developed a real-time chat platform enabling instant one-to-one and group messaging using Socket.io for live communication.
- Built a responsive and interactive UI using React.js with dynamic message updates.
- Integrated real-time messaging, online status tracking, and typing indicators for seamless user interaction.
- Designed a scalable backend with Express.js and optimized REST APIs for chat and user management.

SKILLS

Languages: C, C++, Python, JavaScript, SQL
Web & Frameworks: React.js, Tailwind CSS, Bootstrap
Version Control & Tools: Git, GitHub, VS Code, Figma
Environments: Windows, Linux
Subjects of Interest: Data Structures and Algorithms, Operating System.

CERTIFICATIONS AND ACHIEVEMENTS

- Full Stack Web Development Bootcamp by **Udemy - 02 July 2025**
- Certi cation on ReactJs by **Infosys Springboard - 23 April 2025**
- Fundamentals of Operating System by **Scaler - 15 August 2024**
- Achieved **1104 Global Rank in LeetCode** Weekly Contest 448.