Pranjal Tiwari

870-780-6663 | pranjaltwri24@gmail.com | Lucknow, India | LinkedIn | GitHub

EDUCATION

VIT Bhopal University Bhopal, India
Bachelor of Engineering in Computer Science: CGPA : 8.63 *July 2022 – Present*

Jagran Public School (CBSE) Lucknow, India
Senior Secondary (12th) – 85.4% *March 2021*

Jagran Public School (CBSE) Lucknow, India
High School (10th) – 94% *March 2019*

TECHNICAL SKILLS

Frontend: Next.js, React.js, Redux, React Query, Tailwind CSS, CSS
Backend: Node.js, SQL, MongoDB, Express
Languages: C++, Java, JavaScript, Python
Other: RESTful APIs, Git/GitHub, DSA, WebSockets

PROJECTS

2D Metaverse | *React.js, Node.js, Socket.io, WebRTC, Redis, Phaser.js* *Jan 2025 – Mar 2025*
  – Built a 2D web application enabling users to interact in real time via video, audio, and chat.
  – Implemented Socket.io and WebRTC for seamless real-time communication and broadcasting.
  – Used Redis and JWT for session handling and secure authentication.

Real-Time Collaborative Code Editor | *React.js, Node.js, Socket.io, CodeMirror* *Mar 2025 – Apr 2025*
  – Created a browser-based code editor allowing multiple users to edit code simultaneously.
  – Leveraged WebSockets with Socket.io for low-latency collaboration features.
  – Incorporated CodeMirror for syntax highlighting and real-time code synchronization.

Social Media Full Stack App | *MERN Stack (MongoDB, Express, React, Node.js)* *Apr 2025 – May 2025*
  – Designed a full-stack platform supporting posts, likes, comments, and authentication.
  – Integrated REST APIs for dynamic data handling and user interactions.
  – Implemented JWT-based auth system and media uploads using Multer.

EXTRA-CURRICULAR ACTIVITIES

Leadership
Vice President – NULL VIT Bhopal Student Chapter: Led initiatives under the Null Community to spread cybersecurity awareness and organize student-driven infosec events.

Coding
LeetCode Enthusiast: Solved 100+ data structures and algorithms problems to improve coding proficiency.

Sports
Sports Coordinator & University Cricket Team Captain: Represented university cricket team in Aaramabh'22 and Advitya'24 tournaments and won both.

CERTIFICATIONS

The Bits and Bytes of Computer Networking – Google
Coursera Certificate *Dec 2023*

Cloud Computing – NPTEL
NPTEL Certification Examination *May 2024*

Marketing Analytics – NPTEL
NPTEL Certification Examination *May 2025*