

VIVEK RAWAT

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Education

JIMS Engineering Management and Technical Campus (GGSIPU)

Bachelor of Technology in Computer Science Engineering

Aug. 2022 – Aug. 2026

Greater Noida, Delhi NCR

Projects

White Pad | MERN Stack, Canvas API, WebSockets, Node.js

2023

- Developed an Excalidraw-like collaborative whiteboard with real-time drawing synchronization.
- Implemented drawing tools using HTML Canvas with smooth strokes and undo-redo support.
- Integrated WebSockets for multi-user collaboration with live cursor tracking.
- Built secure REST APIs and stored sessions and drawings in MongoDB.

Chatify | MERN Stack, Socket.io, JWT, Tailwind CSS

2024

- Built a real-time chat application with typing indicators, online status, and timestamps.
- Implemented low-latency messaging using Socket.io WebSockets.
- Designed a responsive React UI optimized for long conversations.
- Secured APIs using JWT authentication and protected routes.

Terminal Portfolio Website | React, Node.js, Express

2025

- Created a terminal-themed portfolio with shell-like commands.
- Implemented realistic terminal animations including blinking cursor and command history.
- Built modular React components with dynamic API-driven content.

Technical Skills

Languages: JavaScript, HTML, CSS

Frameworks / Libraries: React.js, Node.js

Databases: SQL

Developer Tools: Git, GitHub

Leadership / Extracurricular

Tech Club

2023 – Present

Active Member

JEMTEC

- Organized events including Treasure Hunt 2024, Code Trek 2024, Idea Utsav 2024, Hiring Campaign, and Cryptic Hunt 2025.
- Handled logistics, coordination, and execution with organizing committees.

Hackathons

2023 – Present

Participant

Various Institutes

- Participated in Code Genesis (MAIT), CodeZen (GTBIT), Code Kshetra 2.0 (JIMS Rohini), and ACE Hack (UEM Jaipur).
- Achieved Top 20/225 (ACE Hack 4.0), Top 100/100k (Code Kshetra 2.0), Top 5k/25k (BuildWithIndia).

Certifications

Python Programming — GeeksforGeeks

React.js — LinkedIn Learning

MongoDB — GeeksforGeeks