ROHAN VERMA

Ghaziabad, Uttar Pradesh 201002

Software Developer

📞8368100452 ✉ rohan.rv79@gmail.com 🔗 [LinkedIn](#) 💼[Portfolio](#) ⭘ [Github](#)

Education

Krishna Engineering College   **Aug. 2021 – Aug. 2025**
Bachelor of Technology in Computer Science and Engineering (AI & ML) - 7.4 CGPA   *Ghaziabad, Uttar Pradesh*

Experience

Prutor@IITK   **July 2024 – Present**
Software Developer Intern   *Noida, Uttar Pradesh*

- Developed a **chat and notification system** using Django to improve internal communication.
- Built **web applications with Django**, streamlining tasks and improving operational efficiency.

Projects

Merofiru | *React.js, Express.js, Node.js, Firebase, Socket.io* | Live Link   **July 2024**
- ∗ **Developed** a dynamic chat platform with **React.js** enabling music enthusiasts to connect based on shared music preferences.
- ∗ **Engineered** an advanced matching algorithm using **Inverted Index** and **Jaccard Similarity** to recommend connections based on users' music tastes.
- ∗ **Implemented** real-time, low-latency chat functionality with **Socket.io** for seamless communication.
- ∗ **Utilized** Firebase for efficient user authentication and cloud-based database management.
- ∗ **Built** a robust backend using **Express.js** and the **Node.js** runtime environment.

CanvasChat | *Django, Konva.js, Django-Channels*   **September 2024**
- ∗ **Built** a collaborative whiteboard application with chat using Django and Konva.js.
- ∗ **Used Django-Channels** for real-time drawing and chat in a shared environment.
- ∗ **Optimized** drawing performance with debouncing to reduce lag by **18%**.

Technical Skills

Frontend : React.js, Next.js, Redux, Tailwind CSS
Backend : Express.js, Node.js, Firebase, PostgreSQL, MongoDB
Developer Tools : Git, Docker
Languages : JavaScript, TypeScript, Python

Soft Skills

Communication: Effective communication, both written and verbal
Teamwork: Collaborative in team settings, capable of working independently as well
Problem-Solving: Skilled at analyzing issues and finding solutions
Adaptability: Quick to learn new technologies and adjust to changing project needs
Time Management: Efficient in managing tasks and meeting deadlines

Hobbies

LeetCode

Active Problem Solver
- ∗ Achieved a rating of 1474 on LeetCode, solving 300+ problems.
- ∗ Regularly practicing algorithmic problem-solving and data structures.