ROHAN VERMA

Ghaziabad, Uttar Pradesh 201002

Software Developer

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Education

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

Ingraham English Medium School, Ghaziabad, Uttar Pradesh — **July 2019 – July 2021**
Higher Secondary (10+2) — *Percentage:* **90.8%**

Ingraham Institute English School, Ghaziabad, Uttar Pradesh — **July 2018–July 2019**
High School — *Percentage:* **90.2%**

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, React-Redux, Express.js, Node.js, Firebase, Socket.io* | Live Link — **July 2024**

- ∗ **Developed** the UI with **React.js**, enabling music enthusiasts to connect based on shared music preferences.
- ∗ **Engineered** a 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 database management.
- ∗ **Built** a robust backend using **Express.js** and the **Node.js** runtime environment.
- ∗ **Managed global state** using **React-Redux** to handle user data and application state efficiently.

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 1500+ on LeetCode, solving 300+ problems.
- · Regularly practicing algorithmic problem-solving and data structures.