

# ROHAN VERMA

Ghaziabad, Uttar Pradesh 201002

## Software Developer

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### Education

#### Krishna Engineering College

Bachelor of Technology in Computer Science and Engineering (AI & ML) - **7.4 CGPA**

**Aug. 2021 – Aug. 2025**

Ghaziabad, Uttar Pradesh

### Experience

#### Prutor@IITK

Software Developer Intern

**July 2024 – Present**

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.

### 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.