

Pranav Gaur

Address: Vellore,632014 | Mobile: +91 (907) 961-8409 | Email: raghavgau7@gmail.com

EDUCATION

Vellore Institute of Technology

Vellore, Tamil Nadu

- Bachelor of Technology
 - Computer Science and Engineering
 - CGPA: 9.25

(2022-present)

RamKrishna Academy

Kota, Rajasthan

- High School
 - Stream: Science
 - Percentage: 94.2

(2019-2021)

SKILLS

- **Frontend:** HTML, CSS, React.js, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs, GraphQL, Socket.io
- **Databases:** MongoDB, MySQL
- **Tools & Deployment:** Git, Postman
- **Programming Languages:** C/C++, JavaScript, TypeScript
- **CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, Database Management, Computer Networks

PERSONAL PROJECTS

Local Exchange E-commerce Website

- Built a **B2B local marketplace** for buying and selling within local areas.
- Implemented **location-based search, profile management, real-time notifications, and payment integration**.
- Technologies Used: MongoDB, Express.js, ReactJs, Node.js, WebSockets, Reverse Geocoding API.
- **Outcome:** Successfully deployed a functional prototype enhancing local commerce.

Real-Time Chatting Website

- Created a **real-time messaging app** with **instant chat, user authentication, and online/offline status tracking**.
- Leveraged **WebSockets for seamless real-time interaction**.
- Technologies Used: React.js, Node.js, Express.js, WebSocket, MongoDB, REST API.
- **Outcome:** Delivered a scalable, interactive communication platform.

Redis Clone (In Progress)

- **Building a Redis clone from scratch in C/C++ to learn in-memory data structures.**
- Implementing core Redis functionalities such as key-value storage, data persistence, and basic command parsing.
- Technologies Used: C, C++
- **Outcome:** Gaining practical experience in low-level system programming and scalable backend design.

ACHIEVEMENTS

- Solved 450+ Problems on LeetCode
- Consistently Maintained a CGPA Above 9.0.

INTERESTS

- Problem solving & Competitive Programming
- Software Development & Scalable Web Apps
- Cloud Computing: AWS Cloud Technologies
- Adventure & Outdoor Activities.