

Parihar Rithin Rajpoot

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EDUCATION

CMR Technical Campus

B-Tech in Computer Science and Engineering; CGPA: 9.58

Hyderabad, Telangana

2023 – 2027

Keshav Memorial Jr. College

XII – MPC; CGPA: 9.79

Hyderabad, Telangana

2021 – 2023

EXPERIENCE

Full Stack Web Development Intern

Future Interns · Remote · Part-time

June 2025 – Present

Hyderabad, Telangana, India

- Applied engineering principles to design, develop, and deploy full-stack features, including user authentication, CRUD operations, and secure RESTful APIs
- Used Git and Agile methodologies for collaborative development and sprint-based delivery

PROJECTS

UberForBlood | MERN, Socket.io, JWT, Express.js | [GitHub](#) | [Live Demo](#)

May 2025 – Present

- Developed a real-time blood donation platform enabling instant donor-seeker interaction using WebSockets
- Implemented a notification system reducing donor response time by 67% and improved geolocation API performance by ~80% through client-side caching
- Integrated secure authentication using JWT, HTTP-only cookies, and bcrypt hashing; achieved 98% backend test coverage for reliability

Developer Portfolio | Next.js, TypeScript, Tailwind CSS | [GitHub](#) | [Live Demo](#)

Apr 2025 – May 2025

- Created a responsive portfolio website optimized for SEO and performance using Next.js static site generation and lazy loading
- Enhanced UI with advanced animations using Framer Motion, increasing user engagement by 30%

Gup Shup | MERN, Redux Toolkit, Socket.io, Tailwind CSS | [GitHub](#) | [Live Demo](#)

Mar 2025 – Apr 2025

- Built a secure, full-stack real-time chat application with instant messaging using Socket.io and Redux Toolkit
- Implemented JWT authentication, role-based access control, and 32+ theme customization options
- Ensured mobile-first responsiveness and performance optimization using Tailwind CSS

ACHIEVEMENTS

- Solved 300+ problems on LeetCode, GeeksforGeeks, Codeforces, Smart Interviews, and HackerRank focusing on algorithms, data structures, and problem-solving
- Participated in 5+ hackathons, delivering production-ready solutions under time constraints in collaborative teams
- Secured 1st place in a C-language problem-solving competition on HackerEarth, conducted by CMR Technical Campus
- Ranked Top 5 in multiple Smart Interviews programming contests

SKILLS & TECHNOLOGIES

Programming Languages: Java, JavaScript, C, Python

Frontend: React.js, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, Servlets & JSP

Database: MongoDB, MySQL

Tools & Frameworks: Git, GitHub, Docker, Socket.io, JWT, REST APIs, Postman

Software Practices: Agile, Test-Driven Development (TDD), MVC Architecture, Code Reviews, Version Control

Core Concepts: OOP, DSA, Operating Systems, Database Management Systems, REST APIs

COURSEWORK

Data Structures & Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Architecture and Organization