

# Prasoon Priya Rawat

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## PROFESSIONAL SUMMARY

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Computer Science undergraduate (2025) with a robust foundation in **Data Structures & Algorithms (C++)** and **Full Stack Development (MERN)**. Solved 700+ algorithmic problems (LeetCode Rating: 1540) and experienced in building scalable web applications. Proficient in System Design principles and Machine Learning integration, seeking a software engineering role to apply technical expertise.

## EDUCATION

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**GL BAJAJ Institute of Technology and Management**

*B.Tech, Computer Science And Engineering*

**SGPA: 8.67**

Greater Noida, India

Dec 2021 - July 2025

## TECHNICAL SKILLS

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- **Languages:** C++ (Primary), C, JavaScript, Python, SQL, Dart
- **Web Technologies:** React.js, Next.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS
- **Databases & Tools:** MongoDB, MySQL, Git, GitHub, Postman, Render, Flutter, VS Code
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), DBMS, Operating Systems, Computer Networks, System Design (LLD/HLD), Machine Learning basics.

## EXPERIENCE

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**Full-Stack Developer Intern**

*Tech Stack: React, Node.js, Express, MongoDB*

Enrollix, New Delhi

**July 2025 - Sep 2025**

- Built and deployed a full-stack newsletter subscription platform, including dedicated client and admin dashboards.
- Implemented API rate limiting (30-minute window, 3 attempts) and middleware input validation, reducing server load by 30%.
- Optimized database queries and schema design to handle concurrent user requests efficiently, ensuring system stability.

## PROJECTS

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**Mediconnect** — *React, Next.js, Express, MongoDB*

[Live Project Link](#)

**Sep 2024 - Mar 2025**

- Developed a comprehensive healthcare platform enabling direct doctor-patient interaction, appointment scheduling, and profile management.
- Implemented server-side pagination for patient records, improving API response time and optimizing server performance by 94%.
- Integrated RESTful APIs and Machine Learning algorithms (Random Forest) to offer personalized doctor recommendations based on user symptoms.

**System Design Patterns** — *C++, OOP Principles*

[GitHub Link](#)

**Jan 2024 - April 2024**

- Architected 5 distinct design patterns (Singleton, Observer, Factory, Strategy, Decorator) using C++ and OOP principles.
- Applied software engineering best practices to demonstrate code reusability, modularity, and scalability in a real-world context.

**Robotics Club Official Website** — *HTML, CSS, JavaScript*

[Live Project Link](#)

**Mar 2023 - Apr 2023**

- Designed and developed a responsive, cross-platform website to showcase club events, resulting in a 15% increase in audience engagement.
- Created an interactive JavaScript carousel for project showcases, increasing page retention time by 20%.

## ACHIEVEMENTS & CODING PROFILES

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- **LeetCode:** Solved 700+ Data Structure & Algorithm problems; Achieved a Max Rating of 1540.
- **Finalist, Smart India Hackathon (SIH) 2023:** Led a team of 6 to prototype a mental health solution; cleared internal rounds competing against 150+ teams.
- **3rd Position, SCROLLS 2024:** Secured rank among top contestants in a National-Level technical paper writing competition on Machine Learning applications.