Yash Agarwal

Frontend Developer | Software Engineer

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LinkedIn | **GitHub** | **Portfolio** | **LeetCode**

Professional Summary

Results-oriented Computer Science Engineering undergraduate with a stellar academic record (**CGPA 9.17**) and a strong foundation in Data Structures & Algorithms. Passionate Frontend Developer with expertise in building responsive, accessible, and pixel-perfect user interfaces using modern web technologies. Seeking a challenging software engineering internship to leverage UI/UX awareness and clean code practices in real-world applications.

Education

B.Tech in Computer Science & Engineering   **Present**
Central University of Rajasthan, Ajmer
CGPA: 9.17 / 10 (Till 3rd Semester)
Semester Scores: Sem 1: 9.05 | Sem 2: 8.75 | Sem 3: 9.71
Coursework: Data Structures, Algorithms, DBMS, OOPs, OS

Class XII (CBSE)   **2024**
Vishwa Bharti Senior Secondary School, Singhana
Percentage: 94.2%
Key Subjects: Mathematics (95), Physics (95), Chemistry (100)

Class X (CBSE)
Vishwa Bharti Senior Secondary School, Singhana
Percentage: 94.8%
Key Subjects: Mathematics (100), Science (97)

Technical Skills

- **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), Responsive Web Design, Flexbox, Grid, DOM Manipulation, UI/UX Basics, Accessibility, Mobile-First Design.
- **Programming Languages:** C, C++, Python, Java, JavaScript.
- **Core Computer Science:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), Database Management Systems (DBMS).
- **Tools & Platforms:** Git, GitHub, VS Code, Chrome DevTools, Google Colab, Canva.

Projects

Personal Portfolio Website | *Frontend Developer*   Link

- Designed and engineered a modern, fully responsive personal portfolio using **HTML5, CSS3, and JavaScript**.
- Implemented smooth CSS animations, a clean UI layout, and a mobile-first architecture to enhance user experience across devices.
- Optimized website performance and accessibility standards, ensuring maintainable and scalable code structure.

Engineering Club Website | *Lead Frontend Developer*

- Built an interactive and visually engaging landing page for the CURAJ Engineering Club to centralize club activities.
- Integrated QR code functionality and efficient form handling to streamline the member onboarding process.
- Improved overall UI/UX, resulting in increased student engagement and accessibility during technical events.

CURAJ AI Assistant (Smart India Hackathon) | *System Design & Frontend*

- Proposed and prototyped an AI-powered chatbot solution designed to assist students with real-time academic queries.
- Developed the system flow and frontend user interface, focusing on intuitive navigation and seamless user interaction.
- Collaborated on the architectural design to ensure scalability and efficient handling of student data.

Experience & Leadership

Core Team Member   Central University of Rajasthan Engineering Club

- Organized and managed technical workshops, coding contests, and mentorship sessions, fostering a culture of learning.
- Collaborated with cross-departmental teams (CSE & ECE) to build a robust tech community and drive student participation.
- Contributed to the strategic planning and execution of hackathons and skill-development initiatives.

Certifications

- **Summer Internship in AI/ML in Healthcare** – MNIT Jaipur
- **Ethical Hacking and Penetration Testing Internship** – CDAC, Noida
- **Cyber Security: From Beginner to Expert** – Udemy

Achievements

- **Academic Excellence:** Consistently maintained a high CGPA (9.17/10) while actively participating in technical clubs.
- **Smart India Hackathon:** Active participant contributing to innovative problem-solving in education tech.
- **Competitive Programming:** Developed a strong foundation in problem-solving and algorithmic thinking via LeetCode and contests.