Amarnath Sahni

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Summary

Computer Science undergraduate with expertise in the MERN stack and solid foundations in data structures and algorithms. Driven to build impactful web applications that solve real-world problems.

Technical Skills

Languages: Java, JavaScript, C++

- **Frontend**: HTML, CSS,JavaScript, React.js,
- **Backend**: Node.js, Express.js
- **Databases**: MongoDB, SQL
- **Tools & Platforms**: Git, GitHub, VS Code, Postman, Vite
- **CS Fundamentals**: Data Structures & Algorithms (Java), DBMS, OOP, OS

Other: REST APIs, JWT Authentication, Agile, Team Collaboration, Communication, Leadership.

Education

B.Tech – Computer Science Engineering   *April 2022 – April 2026*
 IKG Punjab Technical University   **CGPA:** 8.86

Hotel/Home Rental Platform

- Developed a full-stack application for booking and listing rentals with secure login.
- Features: User dashboard, authentication, posting rooms, review system.
- Tech Stack: React.js, Node.js, Express, MongoDB, password.js.

IRCTC UI Redesign – Train Ticket Booking Platform

- Redesigned the user interface of India's IRCTC train booking site to enhance usability, reducing page complexity and visual appeal.
- Improved responsiveness, reduced booking friction, and modernized UI using React.js+Vite +Tailwind
- Resulted in faster navigation and a simplified, intuitive booking experience.

☐ Certifications & Achievements

- ☐ 1st Place – College Hackathon (MERN Project)

- ☐2nd Place – TechFest Debugging Competition

- ⟨Backend Development Certification – IIT Kharagpur (Techkriti)