

# Shani Yadav

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## Summary

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Passionate B.Tech student specializing in Data Structures, Algorithms, and Web Development. Proficient in C++, Python, and Java. Seeking opportunities to leverage strong programming skills and contribute to impactful projects in the tech industry.

## Education

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**Maharana Pratap Engineering College**  
*B.Tech in CSE (Data Science)*

*2022 - 2026 (Current)*

## Technical Skills

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**Programming Languages:** C++, Python, Java

**Web Development:** HTML, CSS, JavaScript, React.js (in progress)

**Databases:** MySQL

## Certifications

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- Solved 150+ problems on LeetCode
- Solved 120+ problems on GeeksforGeeks
- Solved 130+ problems on Code360

## Projects

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### DOST - AI Chat Bot

*Recent*

*Web Development*

- Developed an intelligent conversational AI chatbot using modern web technologies (HTML, CSS, JavaScript)
- Implemented real-time WebSocket communication for seamless, dynamic user interactions
- Designed a responsive front-end with Tailwind CSS, ensuring cross-device compatibility
- Integrated advanced natural language processing to provide personalized, context-aware emotional support
- Utilized unique system prompting technique to create a contextually intelligent conversational agent

### Web Development Project: Prime Video Landing Page

*Recent*

*Developed a responsive and user-centric landing page for Amazon Prime Video, demonstrating proficiency in:*

- Front-End Web Development: Created a modern, interactive HTML5 and CSS-based interface that effectively communicates product value propositions
- User Experience (UX) Design: Strategically structured content to guide user engagement, with clear call-to-action buttons and intuitive navigation

## Strengths

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- Leadership
- Problem Solving
- Active Listening
- Teamwork

## Interests

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- Volleyball: Promoting a healthy work-life balance through sports
- Automobile Technology: Combining technical knowledge with a passion for advancements in automotive design