

# Richa

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## SUMMARY

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A dedicated Computer Science undergraduate specializing in Cyber Security, graduating in 2026. Experienced in Python, Java, and full-stack development through academic projects. Passionate about problem-solving and teamwork, with a focus on building innovative, practical solutions.

## PROJECTS

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### MUSIC PLAYER WEBSITE | Aug 2023 - Dec 2023

- Built a real-time music player using JavaScript and integrated a third-party music API for live streaming.
- Designed a responsive and user-friendly UI with HTML and CSS, improving cross-device accessibility.

### NEWS WEBSITE | July 2024 - Oct 2024

- Developed a news platform with a responsive layout using HTML, CSS, and JS. Managed user sessions and preferences to enhance user experience.

### FIREWALL SIMULATOR | June 2025 – July 2025

- Created a Python-based tool to simulate firewall behavior by filtering packets using rule-based logic.
- Enhanced understanding of network security and basic intrusion detection mechanisms.

## EDUCATION

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### Pranveer Singh Institute of Technology | Dec 2022 - July 2026

B.Tech in Computer Science & Engineering (Cyber Security) | CGPA: 7.1

**Relevant Courses:** DSA (Java), DBMS, OS, CN, Software Engineering, Cyber Security

## SKILLS

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

**Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, APIs

**Frameworks/Tools:** Bootstrap, Spring Boot, Git, GitHub, Docker

**Databases:** MySQL, MongoDB, PostgreSQL

**Soft Skills:** Communication, Teamwork, Critical Thinking, Continuous Learning

## EXPERIENCE & ACHIEVEMENTS

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### Web Development Intern – Pinnacle Tech | Jan 2025 – Mar 2025

Developed a scientific calculator web application using HTML, CSS, and JavaScript.

Designed and hosted a personal portfolio website to showcase technical projects and skills.

**Programming Achievements** – Earned LeetCode 365-Day Streak Badge for consistently solving 300+ problems.