

# Siddharth Singh

Software Engineer Intern

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[Linkedin](#)

[GitHub](#)

[LeetCode](#)

Motivated Computer Science undergraduate with a solid background in software engineering, full-stack web development, and programming, eager to secure a Software Engineer Intern position. Skilled in solving over 300 coding problems on platforms like LeetCode and HackerRank, and experienced in developing web applications using React.js, Node.js, MongoDB, JavaScript, and Python. Dedicated to building user-friendly software solutions and excited to contribute to innovative software development projects while gaining practical internship experience in a professional environment.

## Education

**Pranveer Singh Institute of Technology, Kanpur, UP**  
*Bachelor of Technology in Computer Science and Engineering*

Dec 2022 – Present

GPA: 8.4/10.0

- Runner-up in a national tech fest coding competition.

**Dr. Virendra Swarup Education Centre, Kanpur, UP**  
*Senior Secondary (Class XII)*

Jun 2021 – May 2022

Percentage: 88%

- Elected as Class Representative, leading student events and initiatives.

## Projects

### VideoGen-AI Short Video Generator [\[GitHubLink\]](#)

- Built an AI-powered short video generator using Next.js, Tailwind CSS, and Convex database, allowing fast video creation with clear software development methods and efficient workflows for content production.
- Added real-time data processing with Convex and secure user authentication via Google Firebase, improving system scalability, cloud performance, and data security with a strong backend structure for many users.
- Created a user-focused responsive interface with design principles, increasing accessibility, user interest, and application speed using front-end development and UI/UX improvements.
- Technologies Used: Next.js, React.js, Tailwind CSS, Convex Database, Firebase, JavaScript, TypeScript.

### Playbeat - Multimedia Player Website [\[GitHubLink\]](#)

- Built a responsive multimedia player using HTML, Tailwind CSS, and JavaScript, supporting smooth audio and video playback across desktops, tablets, and mobile devices with cross-platform support and speed improvements.
- Added audio/video controls with JavaScript, including play, pause, skip, and volume adjustments, improving user interaction with DOM manipulation, event handling, and real-time features for a good user experience.
- Improved user experience by creating an easy-to-use UI with Tailwind CSS, using responsive layouts, clear styling, and accessibility features to simplify navigation and content delivery in a web application.
- Technologies Used: HTML, CSS, Tailwind CSS, JavaScript.

## Achievements

- Achieved Global Rank 1004 in TCS CodeVita Season 12 Contest Jan 2025
- Solved 300+ LeetCode problems Feb 2025
- Ranked 199th in GeeksForGeeks with 700+ coding score Current
- Led a team of five in building and launching a MERN stack web application, ensuring full functionality and a good user experience with team leadership and software deployment Current

## Skills and Interests

**Software Engineering Skills:** C, C++, Python, JavaScript, TypeScript

**Frontend Development:** HTML, CSS, Tailwind CSS, React.js

**Backend Development:** Node.js, Express.js, Next.js

**Databases:** MySQL, MongoDB, PostgreSQL

**Developer Tools:** Git, VS Code

**Soft Skills:** Teamwork, Communication, Leadership, Public Speaking

**Computer Science Coursework:**

- Data Structures and Algorithms (DSA)
- Database Management Systems (DBMS)
- Object-Oriented Programming (OOP)
- Operating Systems (OS)

## Certifications and Courses

- Data Structures & Algorithms (CodeHelp)
- Web Development (Apna College)
- HackerRank 6-Star — Problem Solving

Nov 2024 – Present

Jan 2025 – Present

Feb 2025 – Present