

# Prerna Singh

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## EDUCATION

<b>Harcourt Butler Technical University</b>	Kanpur, UP
<i>Masters in Computer Application</i>	2024-2026
<b>Chhatrapati Shahu Ji Maharaj University</b>	Kanpur, UP
<i>Bachelor in Computer Application / Per: 68.16%</i>	2019-2022
<b>U.P. Kirana Seva Samiti Vidyalaya</b>	Kanpur, UP
<i>Intermediate</i>	2018-2019
<b>U.P. Kirana Seva Samiti Vidyalaya</b>	Kanpur, UP
<i>High School</i>	2016-2017

## PROJECTS

<b>SPOTIFY CLONE/ HTML, CSS, JavaScript</b>	Jan 2025 -Feb 2025
• Created a fully functional Spotify clone using only HTML, CSS, and JavaScript.	
• Integrated local MP3 files to implement music playback with features like play, pause, next, previous, and seek.	
• Designed a visually appealing, responsive UI inspired by modern music apps, using custom styling and animations.	
• Utilized JavaScript's Audio API to control audio behaviour and synchronize the progress bar with song playback.	
• Handled dynamic user interactions through DOM manipulation to update song titles, covers, and controls in real time.	

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, HTML, CSS, Python

**Databases:** MySQL

**General:** Data Structures, Algorithm, OOPs with C++, Machine Learning

**Developer Tools:** Git, GitHub, VSCode, Visual Studio

## ACHIEVEMENT

- Secured All India Rank 894 in NIMCET (NIT MCA Common Entrance Test), a national-level competitive exam for admission to NITs.
- Learned about ethical hacking during BCA and used different tools and Python to understand how hacking and system testing works.
- Solved problems in Data Structures and Algorithms on platforms like LeetCode, HackerRank.
- Improved problem-solving skills through regular coding practice and participation in online contests.

## EXTRA CURRICULAR

- Took part in coding contests and hackathons at college.
- Learned about ethical hacking using different tools and online courses.
- Helped organize college events and tech workshops.
- In free time, I like solving coding problems and trying out small programming projects.
- Keep up with new technology in AI, web development, and security.