

Prerna Singh

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EDUCATION

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

PROJECTS

SPOTIFY CLONE/ <i>HTML, CSS, JavaScript</i>	Jan 2025 - Feb 2025
<ul style="list-style-type: none">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.