

# Pearl Rathour

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## EDUCATION

### National Institute of Technology Hamirpur

2021-2025

*Bachelor of Technology- Electronics and Communication Engineering*

*CGPA-8.98(till 4th sem)*

### Kendriya Vidyalaya Hamirpur

2019-2020

*Class XII*

*Percentage- 92.4*

## TECHNICAL SKILLS

**Languages:** C, C++, Python, JavaScript, SQL

**Web Technologies:** HTML, CSS, Bootstrap, Tailwind CSS, ReactJS

**Tools:** Git, GitHub, VSCode, Open CV, OrCAD, Simulink

## PROJECTS

### Park Share | *ReactJS, Tailwind CSS, Node.js, Mongo Atlas, Beeceptor, Map-box API, Express*

- An innovative parking solution that facilitates seamless connections between parking space owners with those in need of parking enhancing social, economic, and environmental aspects, making it an all-encompassing solution for all stakeholders.
- Improved frontend maintenance on the website as part of the team.

### Campus Connect | *HTML, CSS, Javascript, Django, Sqlite*

- An integrated platform with the goal of connecting India's technological and cultural organizations.
- Categorized and screened disciplines of society to facilitate collaboration, exchange, and dissemination of technical and cultural knowledge among like-minded people.

### News-App | *ReactJS, Bootstrap*

- The News App offers real-time news from India, covering diverse categories and delivering an up-to-date and comprehensive news experience.
- Integrated news data integration APIs in real-time to provide users with the latest news updates.

### Tetris | *HTML, CSS, JS*

- Tetris is a web-based game where Tetriminos fall from the top of the grid and stack up at the bottom. Players rotate the Tetriminos to form complete rows across the field to win. The game ends when the Tetriminos reach the top of the grid.

### Computer Vision | *Open CV*

- Car detection, face, and eye detection, live face and eye detection

## ACHIEVEMENTS

- Finalist in **SIH 2022** (Smart India Hackathon) among 15000+ participants.
- Won the best hack under the theme- "Travel and tourism" among 150+ teams in Electrothon 5.0, powered by MLH.
- Achieved **160 Global Rank** in Codechef January long challenge, outperforming over 10,000 participants.
- Contributor at Girl Script Summer Of Code, Social Summer of Code and Hacktoberfest 2022.
- Selected as mentee at Codess.cafe program (mentorship cohort for women in tech)

## POSITION OF RESPONSIBILITY

### SPEC- NITH

Aug 2022 - Mar 2023

*Executive Member*

- Contributed to frontend development of the website for annual hackathon Electrothon, empowered by MLH
- Organized and conducted workshops targeting 300+ students to promote- electronics culture and various technical domains.

### Vibhav- NITH

Mar 2022 - Dec 2022

*Volunteer*

- Effectively communicated the features, functionalities, and technological aspects of the club's projects on Pre-Nimbus, technical fest of NITH.