

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

Web Technologies: HTML, CSS, Bootstrap, Tailwind CSS, ReactJS, Node.js, Express.js, REST API

Databases: MySQL, MongoDB

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

PROJECTS

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

- 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.

News-App | *ReactJS, Bootstrap*

- 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.

To Do App | *Express.js, EJS, CSS, Mongo Atlas, Mongoose*

- Designed and developed efficient To Do App for task management. Enabled adding, deleting, and updating task completion.

Textify | *ReactJS, Bootstrap*

- Textify is a tool that can be used to perform many operations on text, such as converting it to lowercase or uppercase, removing extra spaces, copying text, and clearing text.

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.

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.