

Arpit Singh

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EDUCATION

Bachelor of Technology in Computer Science and Engineering August 2024 - May 2028 National Institute of Technology, Hamirpur

SKILLS

- Languages: **C++/ C/ JavaScript**
- Technical Skills: **HTML/ CSS/ JavaScript/ React.js/ Node.js/ Git/GitHub**
- Databases and Platforms: **MongoDB/ MySQL**
- Tools: **Adobe Illustrator/ Figma /Framer/ Wix**
- Relevant Coursework: Object Oriented Programming/ Data Structures and Algorithms/ Database Management System.

PROJECTS

Animated and colour QR Code Generator: Python

- This project demonstrates how to generate QR codes in Python. QR codes are two-dimensional barcodes that store information such as URLs, text, or other data. With Python libraries, you can easily create and customise QR codes for various applications.
- Generate QR codes from text or URLs. Customise QR codes with different colours and sizes. Add logos or images to your QR codes. Save QR codes as images (e.g., PNG, JPG).
- Increased user engagement by implementing intuitive navigation, resulting in a 20% increase in average session duration and a 15% reduction in bounce rate.

CALCULATOR ([Link](#)): HTML, CSS, Javascript

- A simple and responsive calculator built using HTML, CSS, and JavaScript, featuring a toggle button to switch between dark and light modes

Railway Reservation: Python, MySql

- A Python-based application simulating a railway reservation system, offering features like booking tickets, updating user profiles, viewing train details, and managing food services.

Weather website([link](#)): HTML, CSS, Javascript, OpenWeatherMap API

- This is a responsive Weather Website created using HTML, CSS, and JavaScript. It fetches real-time weather data from the OpenWeatherMap API and displays it to the user in a clean and user-friendly interface.

EXPERIENCE

Executive Member January 2025- Current Team EXE(Computer Science Club) *NIT Hamirpur*

ACHIEVEMENTS

- Solved 100+ problems combined on various coding platforms, demonstrating strong analytical, coding skills.
- Participated in Electrothon 7.0, a national-level hackathon hosted by NIT Hamirpur ([Credentials](#)). Collaborated with a team to develop an innovative platform designed to connect sponsors and sponsees, enabling them to collaborate and form meaningful partnerships.
- 114 stars in Github Account
- **Winner** at **hackforhope** hackthon on devpost