

PATEL RIDHAM

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SUMMARY

Dedicated and focused 4th-year Computer Engineering student with a CGPA of 7.5. Strong understanding of programming fundamentals, object-oriented principles, and web technologies. Currently enhancing skills in backend development, Python programming, and advanced Data Structures and Algorithms. Familiar with core computer science subjects including Operating Systems and Computer Networks

SKILLS

- Programming Languages: C, C++, JavaScript, Node.js
- Web Technologies: HTML, CSS
- framework: express.js
- CS Fundamentals: OOP, Operating Systems, Computer Networks
- Tools/Concepts: GitHub, Git, Data Structures and Algorithms
- Soft Skills: Good communication skills, teamwork

PROJECTS

Tic Tac Toe Game (C++)

Created a two-player Tic-Tac-Toe game using C++ with a simple command-line interface. Implemented core game logic using arrays, loops, and conditionals to handle turns, validate inputs, and check for win or draw conditions. Focused on clean code structure and smooth user interaction.

To-Do list

Developed a responsive To-Do List web application using HTML, CSS, and vanilla JavaScript. Enabled users to add, delete, and mark tasks as completed. Implemented dynamic DOM manipulation and used browser localStorage to retain tasks across sessions. Focused on intuitive UI and seamless user experience.

Weather Forecast Web App

Tech Stack: Node.js, Express, Handlebars, HTML/CSS, JavaScript, WeatherStack API, Mapbox API

Built a backend-focused weather app that fetches real-time weather using city names. Used Mapbox to get coordinates and WeatherStack for weather data. Rendered dynamic pages with Handlebars (index, help, about, custom 404).

Implemented modular utilities for API logic and used browser-side JS for live weather updates.

GitHub: github.com/Ridham-patel19/node3-weather-website URL: <https://rpweatherwebsite.onrender.com/>

EDUCATION

- Bachelor of Engineering in Computer Engineering
- SS Agrawal Institute of Technology and Engineering
- Expected Graduation: 2026
- CGPA: 7.5