Arnav Singh Rawat

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EDUCATION

LNCTS, Lakshmi Narain College of Technology & Science, Bhopal   2023-2027

Perusing B.Tech – Computer Science and Engineering

High School:

10th CBSE board – 90%

12th (PCM) CBSE board – 82%

COURSEWORK / SKILLS

Programming Language – C, C++, Data Structures and Algorithm, OOPS

Web development:

Front-end: HTML, CSS, JS, React Js

Video Editing: created many projects for school and college clubs

PROJECTS

2048 Game | HTML, CSS, JS | **Source code** | **Live Website**   2024

- Developed a fully responsive and interactive clone of the classic **2048 game**, playable on both desktop and mobile devices.
- Implemented **core game mechanics** such as dynamic tile merging, score tracking, and random tile generation using JavaScript.
- Added **touch gesture support** for mobile users, enhancing accessibility and user experience
- Designed an intuitive UI/UX with **dark/light mode toggle**, engaging tile animations, and visual feedback using CSS transitions.
- Applied **modular code practices** and event-driven programming to manage gameplay logic and interface updates.

Responsive News Website | HTML, CSS, JS | **Source code** | **Live Website**   2024

- Developed a fully responsive news website using HTML, CSS, and JavaScript, enabling users to seamlessly access and interact with news content across various devices (desktops, tablets, and mobile phones).
- Implemented core functionalities including news submission, viewing, and comment addition, ensuring a dynamic and engaging user experience.
- Demonstrated strong front-end development skills by creating a user-friendly and visually appealing interface with clean and well-structured code, adhering to best practices for web development.

CERTIFICATONS

- **NEC '24 Basic Track – Finalist NEC '24 Basic Track – Finalist**, E-Cell, IIT Bombay E-Cell, IIT Bombay Issued Mar 2025Issued Mar 2025.   Credential ID ecell2021.
- Received Certificate for Participating in National Science Olympiad,2025.
- Data Structures and algorithm by Coursera
- JavaScript Essential by Cisco Networking Academy

EXTRACURRICULAR ACTIVITIES

- Karate: Blue belt, district Bronze medalist, State player.
- Sports: part of cricket interschool team, Badminton player at college level.
- Good communication skills: won many debate conditions and good speaker