

Gaurav Sharma

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Education

- University: Guru Gobind Singh Indraprastha University - B.Tech Information Technology - Year: 2022-2026
- Coursework: Data Structures and Algorithms (DSA), C++, Java, Database Management Systems (DBMS), Software Design, Linux, Object-Oriented Programming (OOPs), C

Skills

Programming Languages: - HTML, CSS, JavaScript, C, C++, Java

Frameworks and Libraries: - Bootstrap, Tailwind, GSAP, React.js

Backend Technologies: - Node.js, Express, RESTful APIs

Development Tools: - VS Code, Git, GitHub

Projects

Weather App - Technologies Used: HTML, CSS, JavaScript, OpenWeatherMap API, GSAP

- Description: Developed a web application that fetches and displays weather information based on the user's input using the OpenWeatherMap API. The application provides current weather conditions, temperature, humidity, wind speed, and a 5-day forecast.

- Key Features:

- Fetches real-time weather data based on city name input.
- Displays weather conditions with animated icons.
- Enhanced user experience with GSAP animations for smooth transitions.
- Responsive design for optimal viewing on different devices.

News App - Technologies Used: HTML, CSS, JavaScript, NewsAPI, GSAP

- Description: Created a dynamic news application that displays top headlines from various categories using the NewsAPI. Users can filter news articles by category, such as technology, sports, business, and entertainment.

- Key Features:

- Retrieves and displays the latest news articles in various categories.
- User-friendly interface with category filtering.
- Smooth transitions and animations implemented with GSAP.
- Responsive design to ensure accessibility on mobile and desktop devices.

Snake Game - Technologies Used: HTML, CSS, JavaScript, Canvas API

- Description: Developed a classic Snake game using Canvas API and JavaScript. The game features smooth gameplay, increasing difficulty levels, and a scoring system.

- Key Features:

- Classic Snake game mechanics with intuitive controls.
- Increasing difficulty as the snake grows longer.
- Real-time score tracking and display.
- Responsive design for both desktop and mobile play.

Extracurricular Activities

President of the The institution's Innovation Council (IIC)

- Description: Led the team in organizing various tech events and workshops. Encouraged innovation and entrepreneurship among students. Managed a team of volunteers and collaborated with industry experts to bring valuable insights to the student community.

- Fostered a collaborative environment for innovative projects.
- Facilitated guest lectures from industry professionals.

Coding Competitions

Description: Participated in various coding competitions at college, enhancing problem-solving skills and knowledge in competitive programming. These experiences have honed my abilities in algorithms and data structures.