

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

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

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

Backend Technologies: - NodeJS, MongoDB, Mongoose, MySQL, NoSQL, RESTful API

Development Tools: - VS Code, Git, GitHub

Projects

E-Commerce Website [Github](#) | HTML, CSS, JavaScript, RESTful API, MongoDB, NodeJS

- Developed a full-stack e-commerce website using HTML, CSS, and JavaScript for the front end, Node.js and Express.js for the backend, and MongoDB with Mongoose for the database, implementing RESTful API architecture for seamless communication between client and server.

- Integrated user authentication, product management, and shopping cart functionality, leveraging MongoDB to store and retrieve data efficiently, demonstrating proficiency in both front-end and back-end web development, as well as database management

- Implemented CRUD (Create, Read, Update, Delete) functionality for products, enabling seamless management of product listings, leveraging RESTful API architecture for efficient client-server communication, showcasing proficiency in both frontend and backend development, as well as database management.

Weather App [Github](#) [Website](#) - 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 [Github](#) - 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.

Extracurricular Activities

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

- 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.