

Sanskriti Gupta

Kanpur, India | P: +91 6306642481 | sanskriti0409@gmail.com

EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Engineering (B. Tech)

Major in Computer Science Core

Cumulative GPA: 8.5

Relevant Coursework: Data Analysis, Operating Systems; Data Structure and Algorithms; Machine learning

Bhopal

Expected May 2027

Dr. Virendra Swarup Education Centre

Graduated with 92% in CISCE board examination

Kanpur

Apr 2009 - Mar 2023

PROJECTS

WOMEN EMPOWERMENT HUB

Jan 2025

- Developed a web platform aimed at supporting women through features like a period tracker, AI-powered chatbot, and community blogs.
- Built an interactive chatbot using Gemini's API and Axios, enabling real-time assistance for queries related to health, wellness, and personal development.
- Designed a period tracker (in progress) to help users log and predict cycles with an intuitive UI.
- Implemented Redux for efficient state management and integrated RESTful APIs for seamless data flow.
- Ensured a responsive and accessible UI with React.js, enhancing usability across all devices.

USEPOPCORN MOVIE DATABASE

Oct 2024

- Developed a dynamic movie search and watchlist platform utilizing an external movie API.
- Implemented features for users to search movies, view detailed information, rate them, and manage a personal watchlist.
- Integrated movie streaming functionality, enabling users to watch selected titles directly within the platform.
- Optimized API calls with debouncing to enhance performance and user experience.
- Leveraged React hooks for efficient state management and a seamless, responsive UI.
- Designed an accessible, cross-device compatible interface using HTML, CSS, and React.js.

INTERACTIVE WEATHER APP

June 2025

- Developed a responsive weather application powered by a third-party weather API to deliver real-time forecasts and location-based data.
- Implemented city search with autocomplete and an interactive map feature, allowing users to click locations to view localized weather data.
- Displayed current conditions, multi-day forecasts, and detailed metrics such as humidity, wind speed, and UV index.
- Optimized performance with API response caching and debounced input handling for efficient network usage.
- Leveraged React hooks and context for scalable state management and component organization.
- Designed a mobile-friendly, accessible UI using HTML5, modern CSS, and React.js for smooth cross-device performance.

ACTIVITIES

Google Developers Club

Core Member

Bhopal

Dec 2024 – Present

- Supporting the Google Developer ecosystem by facilitating events on emerging technologies, such as AI, web development, and cloud computing.

ADDITIONAL

Technical Skills: JavaScript, React.js, Node.js, Express.js, Java, Python, C++, HTML/CSS, Machine learning

Languages: Fluent in Hindi and English

Certifications & Training

- Data Structures and Algorithms Course by Abdul Bari (Udemy): Acquired foundational and advanced knowledge of algorithms and data structures, including sorting, searching, recursion, and dynamic programming.
- The Complete Web Development Bootcamp by Dr. Angela Yu (Udemy): Gained hands-on experience in web development technologies, including HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB.