Sanskriti Gupta

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EDUCATION

VIT BHOPAL UNIVERSITY   Bhopal
Bachelor of Technology in Computer Science   Expected May 2027
      Cumulative GPA: 8.5
      Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Digital Logic

Dr. Virendra Swarup Education Centre   Kanpur
Graduated with 91.5% in CISCE board examination   Apr 2009 - Mar 2023

PROJECTS

Dementia Care App   **Jul 2025**
- Building a mobile app for dementia care with voice-enabled memory assistant, reminders, and emergency support.
- Flutter frontend, Spring Boot backend, and Firebase Firestore for real-time data storage.
- Integrating Google Cloud Speech/AWS Transcribe for voice, FCM for notifications, and Google Maps API for location tracking.
- Hosted on AWS EC2/Lambda; exploring Twilio for emergency messaging.

Service Provider App   **Jul 2025**
- Developed a service marketplace app for users to browse, book, and rate local service providers.
- Implemented user authentication, profile dashboards, and real-time booking system.
- Integrated APIs for maps, categories, and optional in-app communication.
- Focused on responsive design and clean UX for both provider and customer flows.

CineTrack   **Oct 2024**
- Developed a dynamic movie discovery and streaming platform using external movie APIs.
- 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.

ACTIVITIES

Google Developers Club   Bhopal
Core Member   Dec 2024 – Present
- Assisted in organizing tech sessions and workshops on Web Dev and AI.
- Collaborated with peers on coding activities and project showcases.

ADDITIONAL

Languages: JavaScript, Java, Python, C++, HTML/CSS
Frameworks & Tools: React.js, Node.js, Express.js, Redux, Flutter, Firebase
Other Skills: REST APIs, Git, Responsive Design, Machine Learning
Spoken Languages: Fluent in Hindi and English
Certifications & Training
- **Introduction to Machine Learning by NPTEL:** Gained foundational understanding of supervised and unsupervised learning, model evaluation, and ML algorithms.
- **Accenture North America – Data Analytics & Visualization**: Completed business case simulations using Excel, Power BI, and data storytelling for client insights.
- 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.