

Sanskriti Gupta

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EDUCATION

VIT Bhopal University, Bhopal

- Bachelor of Technology in Computer Science (Expected May 2027) | GPA: 8.48/10
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Systems

Dr. Virendra Swarup Education Centre, Kanpur

- CISCE (Class XII) | Percentage: 91.5% (2023)

PROJECTS

AI-Powered Dementia Care Assistant

July 2025 - Present

- Building a full-stack Flutter app for dementia care with voice-enabled memory assistant, reminders, emergency support, and an intuitive, elderly-friendly UX.
- Prototyped core features including a medication scheduler, a memory journal and a communication portal for family members.
- Exploring integration of Google Cloud Speech and Generative AI APIs (OpenAI, Gemini) to enable conversational memory assistance and summarization.

Service Provider Platform

June 2025

- Developed a service marketplace React app for users to browse, book, and rate local service providers.
- Implemented user authentication, profile dashboards, service listings, and real-time booking system.
- Developed CI/CD pipelines (GitHub Actions) with automated testing and continuous deployment to Render, improving build reliability and reducing manual interventions.

CineTrack: Movie Discovery & Recommendation System

Oct 2024

- Built a 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.
- Added recommendation system based on user preferences and watch history.
- Enhanced features like genre-based browsing and trending dashboards to improve user experience.

LEADERSHIP & ACTIVITIES

Google Developers Club

Bhopal

Core Member

Dec 2024 – July 2025

- Organized and led a workshop on Web Development and AI/ML for 50+ students.
- Contributed to a women's wellness platform by designing RESTful APIs.
- Authored a technical article "Agentic AI: Shaping a Future of Autonomous Intelligence" on GDG VIT Bhopal's Medium.

SKILLS & CERTIFICATIONS

TECHNICAL SKILLS

- Programming Languages:** JavaScript (ES6+), Python, Java, C++, SQL
- Front-End:** React, Next.js, Flutter, HTML5, CSS3, Redux
- Back-End:** Node.js, Express.js, Flask
- Databases:** MongoDB, PostgreSQL, Firebase (Firestore)
- Cloud & DevOps:** AWS (EC2, S3, Lambda), Firebase Hosting, Git, GitHub Actions (CI/CD), Docker, Vercel

CERTIFICATIONS & TRAINING

- Data Analytics and Visualization – Accenture North America Virtual Experience Program
- Introduction to Machine Learning – NPTEL
- Data Structures and Algorithms – Abdul Bari (Udemy)
- React – The Complete Guide (Hooks, React Router, Redux) – Jonas Schmedtmann (Udemy)

LANGUAGES

- English** – Fluent | **Hindi** – Native