Sanskriti Gupta

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EDUCATION

VIT Bhopal University, Bhopal
- Bachelor of Technology in Computer Science (Expected May 2027) | GPA: 8.46/10
- 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