**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, Digital Logic**

**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