

Kavya Telang

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science Engineering CGPA: 8.77

Bhopal, MP

2022 - 2026

TECHNICAL SKILLS

Languages & Machine Learning: C++, Python, TensorFlow, Scikit-learn, Pandas, Deep Learning (CNNs), NLP, LLMs (Gemini API)

Databases, Cloud & Developer Tools: JWT, Streamlit, Docker, Git, CI/CD, MySQL, Vercel, Neon, Figma (Prototyping), Familiar with AWS & JIRA

PROJECTS

Financial AI Agent - Python & LLM Application

| *Python, Streamlit, Groq LLMs, phidata, Docker, Git/GitHub, Alpha Vantage API, REST APIs* Nov. 2025

- Built a conversational AI agent with phidata, equipping it with tools to access real-time financial data via the Alpha Vantage API and perform live web searches.
- Containerized the complete application using Docker and managed the full deployment lifecycle to Streamlit Community Cloud, including secure API secret management.
- Developed a robust data processing layer to parse and structure complex JSON responses from the financial API, transforming raw data into an actionable format for the LLM.

MarketView: Real-Time Stock Analysis Dashboard - MERN ([Link](#))

| *React.js, TailwindCSS, Recharts, Context API, REST APIs*

September 2025

- Engineered a dynamic, responsive financial dashboard using **React.js** to provide real-time stock market analysis, integrating the Alpha Vantage **REST API** to deliver live quotes and historical pricing data.
- Implemented interactive data visualizations with the Recharts library, allowing users to analyze market trends across various timeframes (1D, 1W, 1M, 1Y).
- Developed a responsive, theme-switchable user interface using **TailwindCSS**, using frontend tools like **NPM** for dependency management and managed global state efficiently with React Hooks and the Context API for a seamless user experience.

Nia.MD: A Multi-Modal AI-Powered Health Assistant

| *Python, Google Gemini API, TensorFlow, CNN, Streamlit, Speech-to-Text APIs*

Sept. 2025

- Architecting an intelligent reasoning engine using the Google Gemini API to perform real-time symptom analysis, extract structured data from conversations, and triage user queries based on severity.
- Engineered a modular computer vision pipeline for medical image analysis, deploying an initial CNN model for skin condition classification (86% accuracy) that integrates with the **LLM (Hugging Face)** for contextualized, multi-modal diagnosis.
- Developing a seamless, **multi-modal user interface (text, voice, image)** in Streamlit to deliver accessible guidance in English/Hindi, with strict safety guardrails that direct users to consult a healthcare professional.

EXTRACURRICULARS & ACHIEVEMENTS

Smart India Hackathon 2024 Finalist

VIT Bhopal University

Qualified for National Finals (PS-ID: 1673) from 400+ teams after clearing all internal rounds; engineered a Kotlin-based Android app integrating on-device ML models for real-time diagnosis of 15+ crop and livestock diseases, achieving 92% diagnostic accuracy on test data.

Social Media Volunteer

FLAMES Event, Data Science Club (October 2023)

Supported social media promotion by designing and scheduling posts to enhance event visibility and participant engagement. Assisted with participant registration and coordinated with the event management team and volunteers to ensure smooth execution of the event.