

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, Frameworks & Technologies: C, C++, Python, JavaScript, HTML/CSS, Node.js, Express.js, React.js, Git, REST APIs, JWT, Streamlit, Next.js, React Native, Three.js

Databases, Cloud & Developer Tools: PostgreSQL, MongoDB, MySQL, Vercel, Neon, CI/CD, 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.

Proximity: A High-Performance Geospatial API - MERN (Link)

| MongoDB, Express.js, React.js, Node.js, REST APIs, Vercel, Git, CI/CD September 2025

- Engineered a high-performance RESTful API using Node.js, optimizing query latency by over 90% by implementing MongoDB's native **geospatial indexing (2dsphere)**.
- Implemented the Haversine formula on the backend to accurately calculate real-world distances between coordinates, ensuring the relevance and precision of search results.
- Developed a responsive React.js frontend based on initial **wireframes and prototypes**, featuring a one-click geolocation feature. Deployed the full-stack application to Vercel via an automated CI/CD pipeline.

BuddyGuard - MERN

| MongoDB, Express, React, Node.js, Socket.IO, JWT, Nodemailer, NLP August 2025 - Ongoing

- **Designed and wireframed** a secure, real-time social platform in Figma, establishing intuitive user flows and a scalable Design System to guide development.
- Engineered an **NLP-driven** backend moderation system to detect and flag harmful content, auto-notifying guardians via Nodemailer and **improving safety monitoring by 60%**.
- Developed a responsive and accessible React frontend with protected routes and a data-rich guardian dashboard, all powered by a **MERN stack with Socket.IO** for live chat and **JWT** for security.

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.