Kavya Telang

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EDUCATION

VIT Bhopal University   Bhopal, MP
Bachelor of Technology in Computer Science Engineering - CGPA : 8.73   *2022 - 2026*

TECHNICAL SKILLS

Languages / Technologies: C++, Python, HTML/CSS, JavaScript, REST APIs, Git, React.js, Node.js, Express.js

Databases / Developer Tools: MySQL,MongoDB, VS Code, Android Studio, Figma

PROJECTS

BuddyGuard -MERN
| *MongoDB, Express, React, Node.js, Socket.IO, JWT, Nodemailer, NLP*   May 2025 - Ongoing
- Designing a secure, real-time social chat platform for kids and teens using the MERN stack, enabling live 1:1 and group conversations via Socket.IO.
- Implementing JWT-based user authentication and role-based access control, enhancing platform safety and login security.
- Developing backend message monitoring using NLP and keyword detection to identify harmful content and automatically notify guardians via email using Nodemailer.
- Building NLP-driven backend moderation to flag harmful content, auto-notifying guardians via Nodemailer, improving content safety monitoring by 60 %.
- Developing a responsive React frontend with protected routes, report/panic buttons, and data visualization for guardian dashboards.

YapYap - MERN
| *React, Node.js, Socket.IO, Express, MongoDB*   March 2025
- Developed a real-time chat application enabling instant user communication using Socket.IO with stable delivery across 100+ concurrent users.
- Designed scalable event-driven backend architecture, reducing API latency by 40% for message delivery and status updates.
- Integrated JWT authentication with encrypted MongoDB storage, ensuring data integrity and secure user sessions.
- Built a responsive React + TailwindCSS interface ensuring consistent cross-device usability and chatroom management.

Breast Cancer Detection Model
| *Python, Machine Learning, Data Analysis*   Dec 2022 - Jan 2023
- Developed a breast cancer detection model using supervised learning algorithms for early diagnosis.
- Trained on medical datasets, optimizing for accuracy and predictive performance.

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.