

KEVIN DAVE

B.TECH - COMPUTER SCIENCE
G.H. PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY

2022-2026
CGPA: 8.94

CONTACT

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PROFILE

I am a passionate developer with expertise in Flutter App Development, Data Science, and AI. With a strong background in Graphic Design, I create visually engaging and user-friendly content. I excel in collaborative environments, leading teams to deliver impactful projects. I am driven by solving complex problems and creating innovative, user-centered solutions, always ready to tackle new challenges.

PROJECTS

Mental Health Assessment App (Among the Top 50 Finalists at FootPrints’25 MSU x ODOO Hackathon)

- Built a cross-platform mental health app with Flutter/Dart and Supabase (real-time DB, auth, storage), with backend APIs in Node.js and Python (FastAPI).
- Designed a wellness scoring algorithm based on stress, sleep, and mood, visualized through interactive dashboards.
- Integrated an NLP-based AI chatbot (Flask) for emotion tracking and personalized suggestions.
- Implemented REST APIs and FCM notifications, enabling journaling, meditation, real-time forums, and photo-based mood tracking.

News Recommendation System

- Built a personalized news recommender using TF-IDF + LSA, achieving 87% user satisfaction based on preferences.
- Developed a cross-platform Flutter app with Supabase DB and Firebase Auth (Google & Email login).
- Designed an NLP pipeline in Python for news preprocessing and semantic similarity scoring.
- Architected a modular system handling thousands of articles with dynamic, real-time updates.

Civic Service Monitoring System (Smart Gujarat Hackathon 2025)

- Developed an AI-based civic issue detection system using YOLOv11 + OpenCV on live CCTV feeds with 95% accuracy.
- Built a full-stack platform (React, Django, Supabase) with real-time alerts, role-based access, and map-based issue tracking.
- Enabled auto-routing, citizen feedback, and analytics, reducing manual effort by 70%.

SKILLS

- Languages:** C / C++, Python, Advanced Java, Javascript, Dart, C#, HTML, CSS
- Frameworks & Technologies:** Flutter, React, Node.js, Express
- Backend Services:** Firebase, Supabase
- AI / Machine Learning:** Machine Learning Algorithms, Data Preprocessing, Feature Engineering
- Core Computer Science Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems, Database Management Systems (SQL), Data Science
- Tools & Design:** Git (Version Control), UI/UX Design (Adobe Creative Suite, Figma)

EXPERIENCE

Executive Member, CSI-GCET | Feb 2025 – Present

- Boosted workshop participation by 40% and managed technical events with 500+ attendees through strategic marketing and execution.

Graphics Design Coordinator, GCET Official Team | Jan 2024 – Present

- Led a 5-member team delivering cohesive visual branding for college-wide events, while mentoring 12 junior designers in industry-standard tools.

Freelance Graphic Designer | 2023 – Present

- Delivered 20+ custom designs across branding, print, and digital media, maintaining a 100% client satisfaction rate.