

Heet Parikh

heet16@gmail.com • +91 9227011606 • Vadodara, Gujarat • Portfolio • Github

PROFESSIONAL SUMMARY

I build full-stack web applications focused on real-world impact — from helping users navigate language barriers in government forms to deploying AI-driven mental health tools for Indian communities. I work across the stack with a strong focus on AI integration, and have shipped production-ready products in competitive hackathon environments.

PROJECTS

FormAI — Multilingual Government Form Assistant

02/2026

- Engineered an OCR-powered form parsing pipeline using Llama Vision 90B, enabling accurate field extraction from government PDFs in any language — eliminating manual data entry for users with language barriers.
- Designed a conversational AI validation layer using Gemini Flash that guides users through clarifying Q&A, reducing form errors and cutting completion time significantly.
- Delivered a fully auto-filled, downloadable PDF upon session completion, making complex bureaucratic processes accessible to underserved communities.
- Tech Stack: Next.js (frontend), Python + FastAPI (backend), Llama Vision 90B (OCR), Gemini Flash (conversational AI).

emoDiary — AI Journaling & Mental Health Web App

02/2026

- Built a multilingual mental health journaling platform supporting Hindi & English via Sarvam AI TTS, lowering the barrier for Indian users to openly address mental health in their native language.
- Implemented an AI-driven monthly insights engine that analyzes emotion-tagged journal entries, delivering personalized mental health summaries without any therapist intervention.
- Architected a zero-data-retention backend — storing no user data server-side — building trust with privacy-conscious users and encouraging stigma-free engagement.
- Tech Stack: Next.js (frontend & backend), Python, Sarvam AI (TTS/NLP).

QuizVerse — Gamified Quiz Platform

01/2026 – Present

- Engineered a real-time team leaderboard leveraging live quiz scores, reducing admin oversight by 3+ hours per event and displaying live updates to 200 concurrent users simultaneously.
- Developed a configurable anti-cheat suite — tab-switch strike limits, auto-submission on violation, enforced fullscreen, and disabled copy-paste — cutting cheating incidents to near zero during college tech-club events.
- Tech Stack: React + Vite (frontend), Express.js (backend).

WORK HISTORY

Web Master — TechGenius Club, CSPIT CHARUSAT

01/2026 – Present | Anand, Gujarat

- Led development of QuizVerse, a production-grade quiz platform purpose-built for the club's annual tech event, serving 200+ concurrent users.
- Implemented anti-cheating mechanisms and real-time team leaderboards, directly improving event integrity and reducing manual admin workload by 3+ hours per session.
- Owned the full development lifecycle — from requirements gathering with club organizers to deployment and live event support.

HACKATHONS

Techathon — 1st Runner Up

02/2026 | CSPIT-CHARUSAT

- Won 1st Runner Up at the institute-level Techathon by building FormAI — a multilingual AI form-filling assistant.
- Leveraged Llama Vision 90B for OCR-based form parsing and Gemini Flash for conversational data collection and validation.

Odoo 2025 — National-Level Hackathon Finalist | Organized by Odoo

08/2025 | Gandhinagar

- Finalist at the national-level Odoo 2025 Hackathon; designed and built an AI-powered trip planning web app.
- Built with Next.js, Supabase, and Gemini API — featuring personalized trip suggestions, cost estimations, and expense splitting.

EDUCATION

B.Tech, Computer Science & Engineering — CSPIT, CHARUSAT

2024 – Present | Anand, Gujarat

- Current CGPA: 8.75 / 10

CERTIFICATES

SQL Basics — HackerRank • Python Basics — HackerRank