

Yash Katiyar

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Education

KIET Group of Institutions, Ghaziabad B.Tech in Computer Science and Engineering (AI)	2023 – 2027
Indian Institute of Technology (IIT) Madras B.S. in Data Science	2023 – 2027

Experience

Web Winners Tech Solution — Chandigarh, India (Remote)

App Developer Intern

Feb 2026 – Present

- Developed and maintained an enterprise ERP system using PHP, including user management, RBAC, and workflows.
- Built scalable backend architecture supporting real-time data operations and secure authentication mechanisms
- Designed and integrated RESTful APIs for seamless data flow across ERP modules.
- Optimized database queries and backend performance to handle concurrent users efficiently.

Full Stack App Developer

EZ Care AI

Dec 2025 – Feb 2026

- Built AI-powered wellness platform using Next.js 16, TypeScript, Supabase (PostgreSQL).
- Designed 15+ step onboarding capturing user goals and health metrics.
- Engineered secure authentication using Supabase Auth with Row-Level Security (RLS).
- Implemented smart meal logging with image uploads via Supabase Storage.
- Built AI assistant (EZBuddy) delivering personalized wellness recommendations.
- Integrated PostHog analytics tracking 100+ user events.

Projects

Real-Time Web AI Assistant [\[LINK\]](#)

Nov 2025 – Dec 2025

- Built a retrieval-augmented generation (RAG) assistant for answering real-time web queries when LLMs lack current context.
- Implemented DuckDuckGo-powered retrieval with fallback logic and optional OpenAI/Ollama summarization.
- Deployed a Streamlit app delivering source-backed responses, handling real-time queries via DuckDuckGo retrieval.
- **Tech Stack: Python, Streamlit, DuckDuckGo API, OpenAI, REST, Git**

Visual Question Answering (VQA) — Multimodal AI Demo [\[LINK\]](#)

Oct 2025

- Built a multimodal system answering natural-language questions about images.
- Integrated pretrained ViLT using Hugging Face Transformers.
- Deployed a Gradio-based demo on Hugging Face Spaces.
- **Tech Stack: Python, PyTorch, ViLT, Transformers, Gradio**

ColdClaw - AI Cold Email Generator [\[LINK\]](#)

March 2026

- Built an AI SaaS for automated cold outreach, generating email sequences in < 60s.
- Implemented usage limits and monetization with Firebase Auth & Firestore.
- Built dynamic prompt system supporting multiple tones and structured outputs (emails + follow-ups) with zero duplication.
- **Tech Stack: Next.js, TypeScript, Firebase, GeminiAPI, Razorpay, REST APIs**

Achievements

- **Hackathon Winner (2026)** — Built production-ready iOS app (SwiftUI, MVVM) under time constraints.
- **Top 5** — **Odoo Hackathon, IIT Madras** — Designed scalable enterprise ERP workflow solution.
- **Developer Experience** — **Hankao University (Beijing)** — Enhanced official university result management platform.

Skills

AI/ML: Python, TensorFlow, PyTorch, Scikit-learn, Hugging Face Transformers, NumPy, Pandas

GenAI & Multimodal: LLMs, RAG, LangChain, LlamaIndex, ViLT, Prompt Engineering, OpenAI API

Web/Infra: FastAPI, Streamlit, Gradio, Docker, Git, CI/CD