Pratik Jadhav

AI & Generative AI Developer

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Portfolio: https://v0-pratik-jadhav-portfolio.vercel.app/

Professional Summary

- Final-year Computer Engineering student at the University of Mumbai (2022-2026) with a strong foundation in Artificial Intelligence, Generative AI, and full-stack development.

- Experienced in building RAG systems, AI-driven platforms, and deploying GenAI applications using LangChain, Gemini, TypeScript, Firebase, and modern web tools.

- Proven leadership in hackathons and technical events with a robust understanding of AI toolchains and deployment.

Technical Skills

- Languages & Frameworks: Python, JavaScript, TypeScript, FastAPI, Streamlit, React, Vite , Shadow UI, Tailwind CSS

- AI/ML Tools: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, LangChain, Gemini

- Databases & Hosting: Firebase, Supabase, MongoDB, SQL, Pinecone

- DevOps & Tools: Git, Vercel, Firebase Hosting

- Computer Vision: OpenCV, YOLOv8

- Communication, Leadership, Critical Thinking, Problem-Solving, Team Collaboration

Projects

- EventEase (React, TypeScript, Firebase): Built AI-powered event platform; increased match accuracy by 30%. (eventease-final-y8pw.vercel.app)

- RAG-Based Study Assistant (LangChain, Pinecone): Improved response efficiency by 45% and relevance by 60%. (github.com/Robustron/SyllabusAI)

- AI Textbook Generator (LLMs): Produced 100+ coherent chapters; 90%+ topic coherence. (github.com/Robustron/ARCHON-7) - DonateNow (MERN, Firebase): E-waste & donation platform with NGO dashboard; real-time role-based listings. (donate-now-5g47.vercel.app)

- AgriWise (Gemini, APIs): 95% accurate crop suggestions; reduced fertilizer misuse by 25%. (donate-now-5g47.vercel.app)

Experience (by forage (simulations))

- Goldman Sachs Virtual Program (Jan 2025): Learned system design, scalability, and best practices in operations systems

. - Accenture VIrtual Program (Dec 2024): Completed end-to-end data analysis; generated real-world business insights.

Education

B.Tech in Computer Engineering, University of Mumbai (2022 - 2026)

Certifications

- Google Data Analytics (Dec 2024)
- Google AI Essentials (2023)
- Google Prompt Engineering (Dec 2024)
- GrowthSchool GenAI Specialist (Jan 2025)
- AI Entrepreneurship Certified (2024)

Achievements & Leadership

- 3rd Place - Ideathon, KJ Somaiya College
- Winner - College Debate Competition
- Participated in SIH, Avishkar, Innovathon, Ideathons
- Led multiple AI/tech projects and served as team leader , Member, CSI - College