

GAURAV TARALE

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[LinkedIn Profile](#) [GitHub Profile](#) [Portfolio](#)
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PROFILE SUMMARY

Fresher Generative AI Developer with hands-on experience building and deploying production-ready AI applications using LangChain, RAG, FAISS, and Gemini API. Skilled in full-stack development with Next.js and FastAPI. Built and deployed multiple AI projects on GitHub, including a multi-document research assistant and an AI-powered interview platform. Seeking an AI developer role to contribute and grow with a forward-thinking team.

EDUCATION

- Bachelor of Technology in Electronics and Telecommunication, 2021–2025
Yeshwantrao Chavan College of Engineering, Nagpur
- Higher Secondary Certificate (12th), 2019–2021
Shri Samartha Junior College of Science, Akola Percent: 93.00
- Secondary School Certificate (10th), 2019
Shri Swami Vivekanand English School, Akot Percent: 84.20

TECHNICAL SKILLS

- **Programming Languages:** Python, Java
- **Generative AI:** LangChain, RAG, FAISS, LLMs, HuggingFace, Gemini API, Groq API, Ollama
- **AI & Machine Learning:** PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy – ANN, CNN, RNN, LSTM, Transformers, Transfer Learning, NLP, Embeddings
- **Full Stack Development:** React.js, Next.js, Node.js, FastAPI, Flask (REST APIs), Express.js, Tailwind CSS, PostgreSQL, MongoDB
- **Tools & Platforms:** Git/GitHub, Vercel, Render, Streamlit, VS Code, Figma, Power BI
- **Certifications:** Web Development – Technook | Python, JavaScript/HTML/CSS, Front-End Apps with React – Coursera

EXPERIENCE

- **Web Development Intern (6 Months)** | Elecstark | Jan – June 2025
 - Built a full-stack e-commerce platform with product listings, cart, and checkout using React.js and Node.js, supporting 10+ product categories and end-to-end order flow.
 - Designed and integrated REST APIs for product management, user authentication, and order processing.
 - Collaborated on UI/UX improvements using Figma prototypes, streamlining design-to-development handoff.
- **UI/UX Developer Intern (1 Month)** | S S InfoTech | July – Aug 2025
 - Designed and delivered UI/UX mockups for 3+ client projects using Figma and Canva, reducing revision cycles through early prototype sign-offs.

PROJECTS

AI Interview Mocker [GitHub](#) | [Live Demo](#)

- **Tech Stack:** Next.js, React.js, Gemini API, Tailwind CSS, Clerk, Neon (PostgreSQL), Node.js, Vercel
- Developed a full-stack AI platform that simulates real job interviews across any job role and tech stack, using Gemini AI to generate 5 dynamic, role-specific questions tailored to the user's experience level, with instant feedback, ratings, and improvement suggestions. Implemented speech input, webcam preview, and a user dashboard with secure Clerk authentication and persistent storage via Neon PostgreSQL.

Multi-Document Assistant [GitHub](#) | [Live Demo](#)

- **Tech Stack:** Next.js, LangChain, Python, FastAPI, FAISS, RAG, Groq API, Render, Vercel
- Developed a production-ready AI-powered document research assistant that ingests 4+ file formats (PDF, DOCX, CSV, TXT) and live websites, converts them into searchable knowledge bases, and provides accurate question-answering using advanced language models. The RAG system dynamically retrieves relevant document chunks and generates contextually grounded responses.

Image Classifier [GitHub](#) | [Live Demo](#)

- **Tech Stack:** TensorFlow, MobileNetV2, Python, Flask, Next.js, Tailwind CSS, Render, Vercel
- Built an image classification web app using a fine-tuned TensorFlow MobileNetV2 model trained on 11K+ labeled animal samples, achieving 97% accuracy. Deployed a Flask-based REST API on Render for model inference and a Next.js frontend on Vercel for image upload and result visualization.

YouTube Chatbot [GitHub](#) | [Live Demo](#)

- **Tech Stack:** LangChain, Python, HuggingFace Embeddings, Groq API, YouTube Transcript API, FAISS, Streamlit
- Built a RAG-based AI chatbot that answers questions from any YouTube video by extracting full video transcripts, chunking them into a FAISS vector store for fast retrieval, and generating context-grounded answers using Groq LLM and HuggingFace embeddings via a Streamlit frontend.