

DARSHIL SAVALIYA

AI-ML Engineer | GenAI Enthusiast

📞 +91 8849562049

✉️ darshilsavaliya15@gmail.com

🌐 [Portfolio_website](#)

🌐 www.linkedin.com

ABOUT ME

I am an AI/ML undergraduate focused on Generative AI and Retrieval-Augmented Generation (RAG) systems, with hands-on experience building intelligent applications in computer vision, data analysis, and full-stack development. As an active open-source contributor through GirlScript Summer of Code (GSSoC), I have integrated AI/ML features like Groq-powered recommendation engines and computer vision-based systems across multiple repositories. I am passionate about applying AI to solve real-world problems and continuously growing my technical expertise.

EDUCATION

2024-2028

Gujarat Technological University

Bachelor of Technology in Artificial Intelligence & Machine Learning

L.D. College of Engineering (LDCE), Ahmedabad 3rd Year (5th Semester) | CGPA : 9.45

Focused on AI, Machine Learning, Data Structures, Web Development, and Database Management. Gained hands-on experience building AI-assisted applications and web projects.

2023-2024

Sahajanand Vidhalaya

Higher Secondary Education

Percentage : 97.67 | Completed with specialization in [Science / PCM]

Built a strong foundation in mathematics, physics, and programming, with specialization in Physics, Chemistry, and Mathematics (PCM).

SKILLS

- **Programming language:** C, C++, Java, Python
- **AI/ML & GenAI:** OpenCV, Groq AI, Prompt Engineering
- **RAG & LLM Concepts:** Retrieval-Augmented Generation (RAG), LLM API Integration, Vector Embeddings (conceptual), LangChain (exploring)
- **Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Opencv, Scikit Learn
- **Web Technologies:** HTML, CSS, JavaScript, Flask, Next.js, Tailwind CSS
- **Databases:** MySQL, Oracle
- **Tools:** Git, GitHub, VS Code, Jupyter Notebook, Google Colab
- **Soft Skills:** Problem-Solving, Logical Thinking, Communication, Teamwork,

PROJECTS

Theft Detection System

Developed an intelligent surveillance system using Python and OpenCV to detect suspicious activities. Implemented computer vision techniques for real-time monitoring and anomaly detection. Designed automated alert logic to improve security response efficiency.

Trip Planner App

Developed a web-based Trip Planner using HTML, CSS, JavaScript, Flask, and MySQL. Implemented features for destination selection, itinerary scheduling, and route organization. Designed backend logic and database integration for efficient trip data management.

CERTIFICATIONS

Google Cloud: Prompt Design in Vertex AI – Gained hands-on experience in crafting effective AI prompts for various real-world tasks.

Build Real-World AI Applications with Gemini and Imagen – Developed skills in applying cutting-edge generative AI tools for practical use cases