

Abhay Tangde

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Objective

Aspiring Data Science with Generative AI with strong backend python, focused on building scalable ML-driven applications. Passionate about applying AI to real-world systems and currently seeking **AI/ML internship opportunities**.

Education

Deogiri Institute Of Technology And Management Studies

Bachelor of Technology in Computer Science

Aurangabad, India

Jun 2022 – Jun 2025

Projects

Image Analytics App using Generative AI

Tech: Python, Streamlit, Google Generative AI API, PIL

July 2025 – Aug 2025

* Built a Streamlit-based web app for intelligent image analysis using Google's Gemini 2.5 Flash model. **Integrated Generative AI with Python to interpret user prompts and analyze image content in real time.** Implemented image uploads, prompt handling, and dynamic content generation.

GenSpark: AI Knowledge Assistant

Tech: Python, Streamlit, Gemini 2.5 Flash

May 2025

* Built a **Q&A app using Google's Gemini for real-time answers.** Designed a modern UI in Streamlit with custom CSS. Added prompt handling, error checks, and interactive outputs. Improved response quality through prompt tuning and input validation. Deployed locally, with plans for cloud hosting.

Gemini-Powered SQL Assistant

Tech: Streamlit, SQLite, Google Gemini API

Aug 2025

* Built an interactive Streamlit web app that converts natural language questions into SQL queries using Google Gemini LLM. Integrated SQLite database to dynamically execute queries and display results in real-time. Implemented query explanation module, where Gemini explains the SQL query in simple terms. Used dotenv for secure API key management and followed clean modular code practices.

Personal Portfolio Website

Tech: HTML, CSS, JavaScript, Bootstrap

* Built a **responsive and interactive portfolio website** featuring dark/light mode toggle, smooth animations, and a resume download option. Deployed portfolio on Netlify to showcase Data Science, Generative AI, and Web Development projects. Improved UI/UX design to make it recruiter-friendly and professional.

Gym Management system

Tech: PHP, MySQL, JavaScript, Bootstrap

* Developed a full-stack web application for member registration, payment tracking, and attendance monitoring. Designed secure backend with database integration to handle CRUD operations. Enhanced user experience with responsive frontend and intuitive dashboards.

Certificate

- Prompt Engineering for Developer- Deeplearning.AI | Aug 2025
 - Python – Scalar-topics | Jul 2025
 - AWS Certified Solutions Architect – Associate –Amazon Web Services (AWS) Jan 2025.
 - **Python for Data Science** –Great Learning | Dec 2024.
 - **Artificial Intelligence** – Great Learning| Jan 2025.
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Technical Skills

Languages: **Python**, C++, JavaScript, SQL, HTML, CSS

Frameworks: Streamlit, Pandas, Jupyter Notebook, TensorFlow, Scikit-learn

Databases: MySQL

Tools: Jupiter, Google Colab, Git

Achievements

* Developed a micro services-based order tracking system that improved latency by **30%** during a remote internship.

* Built a machine learning fraud detection model that reduced false positives by **20%** in a space tech project.

* Created a voice-enabled AI assistant using Python and speech recognition APIs for task automation.

* Completed **AWS Certified Solutions Architect – Associate** certification (Jan 2025).
