

Contact

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Top Skills

Generative AI
AI Agents
Comfyui

Languages

English (Professional Working)
Hindi (Native or Bilingual)
Gujarati (Limited Working)

Certifications

C Programming: Pointers and Memory Management - 4
Introduction to TCP/IP
Java Servlet Pages(JSPs)
AWS Certified Machine Learning Engineer – Associate
C Programming: Advanced Data Types - 5

Honors-Awards

First Position at CVMU Hackathon 1.0
Dewang mehta award

Aditya Sikarvar

Python | Data engineering | ML Engineer | Gen AI
Anand, Gujarat, India

Summary

I'm a Machine Learning Engineer with a strong focus on Generative AI, Agentic AI, and the evolving landscape of intelligent systems. I'm currently working on building practical solutions using tools like LangChain, LangGraph, and other LLM-based architectures. With hands-on experience across the ML lifecycle — from data preprocessing to deployment — I enjoy translating complex ideas into impactful products. I'm passionate about exploring cutting-edge AI developments and contributing to real-world applications that drive value.

Certified as both an AWS AI Practitioner and AWS ML Engineer Associate, I'm constantly expanding my knowledge to stay ahead in this fast-moving space. Whether it's developing chatbots, fine-tuning models, or integrating GenAI into business workflows, I thrive on turning ideas into intelligent outcomes.

Let's connect if you're working in ML, GenAI, or just curious about where AI is headed!

Experience

Crest Infosystems Pvt. Ltd.
Software Engineer L1
January 2025 - Present (7 months)
Surat, Gujarat, India

Key projects & responsibilities:

- 1.Designed & orchestrated AWS infrastructure — implemented S3, IAM, EC2, and other core services to support scalable, secure solutions.
- 2.Architected ML pipelines in SageMaker Studio — utilized Data Wrangler, Feature Store, JumpStart, and other components to train and deploy models effectively.
- 3.Built image-generation models using ComfyUI — experimented with open-source and proprietary frameworks, delving into Stable Diffusion architecture and hyperparameter tuning.

- 4.Developed a production-ready RAG-based chatbot workflow — implemented retrieval-augmented generation for a contextual conversational agent.
- 5.Created and deployed agentic AI workflows — built goal-driven agents, automated pipelines, and integrated them into live environments.
- 6.Strengthened backend and data tooling skills — worked extensively with Python, PostgreSQL, REST APIs, and performed data engineering tasks to support model operations.

Certifications & Achievements:

- 1.Earned AWS Certified Solutions Architect – Associate
- 2.Obtained AWS Certified AI/ML – Practitioner

NuVista AI

Software Engineer L1

January 2025 - Present (7 months)

Atlanta, Georgia, United States

- 1.Designed & orchestrated AWS infrastructure — implemented S3, IAM, EC2, and other core services to support scalable, secure solutions.
- 2.Architected ML pipelines in SageMaker Studio — utilized Data Wrangler, Feature Store, JumpStart, and other components to train and deploy models effectively.

IEEE

Student branch representative

January 2023 - September 2024 (1 year 9 months)

Anand, Gujarat, India

GDSC

Pr Lead

August 2023 - July 2024 (1 year)

Anand, Gujarat, India

NSS UPES

Student Coordinator

April 2022 - December 2023 (1 year 9 months)

Anand, Gujarat, India

Education

A D Patel Institute of Technology, CVM University

Bachelor of Technology - BTech, Computer Engineering · (September 2021)

Anandalaya

Computer Engineering · (September 2021)