

Siddhesh Asati

Location: Pune, Maharashtra

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SUMMARY

- **AI/ML & Full-Stack Developer** focused on building **agentic AI workflows** and **scalable ML solutions**.
- Built **intelligent full-stack apps** and **automation pipelines** powered by real-time LLMs and REST APIs

EDUCATION

Sinhgad Institute of Technology and Science, Pune

2021-2025

SGPA: 7.91

Bachelor of Engineering in Computer Science

EXPERIENCE

Hexaware Technologies

Gen AI Intern

04/2026 – Present

Skills: Agentic AI, RAG Pipelines, LangChain, Claude Tools, Multimodal Agents

- Engineering custom **RAG pipelines** and **agentic AI orchestration** for targeted technical tasks.
- Actively upskilling in enterprise best practices, focusing on **advanced RAG architectures, multimodal agents, and Claude tool optimization**

Kirloskar Pneumatic Company Limited

AI/ML Intern

06/2025 – 09/2025

Skills: Python, Scikit-Learn, Predictive Modeling, MySQL, MongoDB, React.js, Data Pipeline

- Engineered an **Automated Compressor Performance Prediction** system using **regression models** to forecast efficiency with 94% accuracy.
- Built a **React.js analytics dashboard** with backend logic for real-time data analytics.

PROJECTS

CareerNeuron

Python, Django, PostgreSQL, LangChain, Groq LLMs, REST APIs, Web Scraping, Git

[Link](#)

- Architected a **Django** and **PostgreSQL** career portal integrating web scrapers to automate **resume parsing** and precise **ATS matching**.
- Developed a **Structured Relational RAG** pipeline using **LangChain** and **Groq LLMs** to power an adaptive **mock interview bot**.

MechautoX AI Python, LangChain (Agent Orchestration), FAISS, PyQt5, Groq, Llama 3, Cohere, RAG, Multimodal APIs [Link](#)

- Engineered a multimodal **AI Agent orchestrator** via **LangChain**, dynamically routing queries across **FAISS-RAG**, live web search, and OS automations.
- Architected a low-latency inference pipeline using **Groq/Llama 3** and **Cohere**, enforcing strict vector thresholds for hallucination-free diagnostics.

TECHNICAL SKILLS

Languages : Python, SQL, C++, Java, JavaScript

Gen AI & LLMs : Agentic AI, Multi-Agent Orchestration, LangChain, LangGraph, RAG, Ollama, Groq, Prompt Eng.

ML & Data : PyTorch, TensorFlow, Scikit-Learn, Hugging Face, NLP, Vector Databases, MySQL, MongoDB

Software & Web : Flask, Streamlit, REST APIs, FastAPI, React.js, Node.js

Cloud & DevOps : AWS (EC2, Lambda), Docker, Kubernetes, Git, Model Deployment

ACHIEVEMENTS

- Earned **Azure Fundamentals** and **AWS Practitioner** certifications, focusing on cloud architecture and scalable AI deployment.
- Demonstrated algorithmic proficiency with **150+ solutions** on [LeetCode](#) and actively compete on [Kaggle](#) using custom predictive and **Gen AI models**.