

Soham Gudewar

AI Engineer · GenAI · Agentic AI

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Professional Summary

AI Engineer specialising in agentic AI systems, LLM applications, and RAG pipelines. Built and deployed multi-agent workflows using LangChain, LangGraph, and Model Context Protocol (MCP), with production backends in FastAPI, PostgreSQL, and Docker. Anthropic-certified in Claude API and MCP Advanced Topics. B.Tech in Artificial Intelligence & Data Science (2026), available immediately for joining.

Technical Skills

Programming Languages: Python, Streamlit, SQL, JavaScript, C++, C
AI / ML: MLOps, Deep Learning, NLP, Computer Vision, PyTorch, Scikit-learn
LLM Frameworks: LangChain, LangGraph, MCP, RAG, Prompt Engineering, Ollama, LLM API
Backend: FastAPI, Flask, REST APIs, Async Python, JWT Authentication, SQLAlchemy
Databases: PostgreSQL, MongoDB, ChromaDB, Pinecone, Vector Databases
DevOps & Cloud: Docker, Git, GitHub, CI/CD, Microsoft Azure, AWS
Automation: n8n, Zapier, Multi-Agent Workflows

Projects

LeadForge AI - Multi-Agent Sales Development Representative Jun 2026

- Deployed FastAPI backend on Railway with PostgreSQL and React frontend on Vercel (<https://leadforgeai0i0.vercel.app/>)
- Engineered an AI SDR platform automating lead discovery, enrichment, scoring, and personalised outreach from a single company-name input, orchestrated as a multi-agent LangChain workflow.
- Implemented a RAG pipeline using ChromaDB and Sentence Transformers to index uploaded company documents, enabling context-aware outreach grounded in real company data.

Tech: Python, FastAPI, LangChain, LangGraph, Gemini API, ChromaDB, PostgreSQL, Docker

Hospital Management System API with ML Insurance Prediction Jan 2026

- Managed a HIPAA-inspired hospital management API securing protected health information (PHI) with JWT authentication, OAuth2 flows, PostgreSQL, and RESTful design.
- Designed the full ML lifecycle data preprocessing, feature engineering, model training, and evaluation using Scikit-learn on a Kaggle dataset of 10,000 patient records with serving real-time insurance premium predictions via a dedicated inference endpoint.

Tech: FastAPI, PostgreSQL, SQLAlchemy, JWT, Scikit-learn, Joblib, Streamlit, Docker

KrishiNetra — AI-Powered Precision Agriculture May 2026

- Led a web platform for AgriHackathon Pune 2026 integrating satellite imagery analysis and generative AI for agricultural monitoring.
- Implemented NDVI-based crop stress detection, AI-driven land record extraction, and crop prediction workflows using the Gemini API.

Tech: Python, Streamlit, Gemini API, Computer Vision, NDVI Vegetation Analysis, Document Intelligence

Education

Bachelor of Technology (B.Tech) - Artificial Intelligence & Data Science

AISSMS Institute of Information Technology, Pune (November 2022 – June 2026)

Certifications

- Anthropic Model Context Protocol: Advanced Topics, 2026 View Certificate
- Building with the Claude API - Anthropic, 2026 View Certificate
- AZ900: Microsoft Azure Fundamentals, 2026 View Certificate
- Google Data Analytics Professional Certificate - Coursera, 2025

Achievements

- Developed 4+ production-grade AI applications spanning agentic AI, RAG, automation, and precision agriculture.
- Research collaboration with IIT Madras on 3D Virtual Try-On (SMPL-X) paper submitted for publication.