DEVANG GAWADE

Mumbai | ☎9920683348 | ✉ gawadedevang@gmail.com | in Devang | ◌ Devang | ◍ Devang

EXPERIENCE

AI Intern | Gray Matrix Solutions   Oct 2025 – Present

- Designed a cloud-native Generative AI pipeline to automatically identify, cluster, and surface high-frequency customer questions for enterprise chatbots.
- Implemented semantic embedding–based clustering with incremental updates, enabling stateless processing and reducing recomputation overhead.
- Built an AWS S3–backed architecture to persist embeddings and cluster states, supporting scalable reprocessing across chatbot sessions. Applied LLM-based refinement to clean and produce final questions.

AI Intern | Mettler-Toledo GBSI   Jan 2025 – Oct 2025

- Developed CrewAI-based multi-agent tools to analyze large-scale sales CSV data and identify top 3 positive and negative performance categories using business-defined logic.
- Generated structured JSON outputs for downstream LLM commentary pipelines, enabling automated executive-level insights.
- Optimized and validated LLM prompts and agent workflows, improving response consistency and analytical accuracy.

SKILLS

Programming: Python, SQL, MongoDB
AI/ML: Generative AI, LLMs, NLP, Machine Learning, Deep Learning Transformers, CNNs, RNNs
Frameworks: LangChain, CrewAI, PyTorch, TensorFlow, scikit-learn, SciPy, Sentence-Transformers , FAISS
Tools: FastAPI, Flask, Docker, Git, GitHub, AWS (S3)

PROJECTS

MockMate - Voice-Based Mock Interview Platform | Python, LangChain, FastAPI | ◌ GitHub

- Engineered a real-time, voice-first interview simulator using Whisper for speech-to-text and TTS for realistic interview conversations.
- Designed a three-agent architecture using LangChain and LangGraph: interviewer agent, evaluator agent, and feedback synthesizer agent.
- Integrated ChromaDB vector search to retrieve resume content and conversation history for personalized, context-aware questioning.

Resume Screening and Ranking System | Python , Flask , NLP | ◌ GitHub

- Implemented an end-to-end resume ranking pipeline aligning resumes with job descriptions using bi-encoder embeddings.
- Combined TF-IDF keyword scoring + cosine similarity, improving domain-specific skill matching precision.
- Built scalable text preprocessing pipelines using SpaCy (lemmatization, normalization, noise removal).

EDUCATION

- BSc Computer Science | University of Mumbai | CGPA: 9.6   2022 – 2025
- HSC | Sathaye College, Mumbai | Percentage: 65.6%   2020 – 2022

CERTIFICATIONS

- Multi AI Agent Systems with crewAI - DeepLearning.AI (2025)
- Machine Learning Specialization - Stanford University (Coursera, 2024)
- Azure Data Fundamentals (DP-900) - Microsoft (2024)
- 100 Days of Code: Complete Python Pro Bootcamp - Udemy (2023)