

# DEVANG GAWADE

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## EXPERIENCE

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### AI/ML Developer Intern | Mettler-Toledo GBSI

Jan 25- Present

- Developed Python scripts for automation and AI-related projects, including data extraction from PDFs and generating insights from sales data.
- Created a sales data analysis tool for the Controller Commentary project, processing CSV files to calculate variances, identify top three positive and negative performance drivers, and structure results in JSON format.
- Integrated the analysis tool with Large Language Models (LLM) to generate automated commentary on sales performance.
- Learned how to Fine-tune Large Language Models to better suit project requirements.
- Utilized technologies such as Python, CrewAI, AGNO, and LangChain for project development.
- Improved coding proficiency and communication skills through collaborative project work.
- Gained critical thinking skills by adapting coding solutions to meet user requirements and convenience.

## SKILLS

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### Technical Skills:

- Programming & Scripting: Python, SQL
- AI & Machine Learning: Machine Learning, Deep Learning, Natural Language Processing (NLP), Neural Networks (CNNs, RNNs, Transformers)
- Frameworks & Libraries: PyTorch, TensorFlow, LangChain, CrewAI
- Tools & Platforms: Streamlit, Flask, Git, GitHub
- Large Language Models & Agentic AI: Fine-tuning and deployment of LLMs, Agentic AI

### Data Science & Engineering:

- Data Cleaning, Feature Engineering, Text Preprocessing

### Soft Skills:

- Problem-Solving, Team Collaboration

## PROJECTS

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### MockMate – AI-Powered Voice-Based Mock Interview Platform | [GitHub](#)

2025

- Developed an end-to-end voice-based mock interview platform leveraging LangChain, LangGraph, Whisper, and OpenRouter LLMs.
- Designed a multi-agent system:
  - Agent 1: Conducts personalized interview questions (TTS) using parsed resume data and ChromaDB vector search.
  - Agent 2: Captures spoken answers, transcribes with Whisper, and provides real-time scoring and feedback.
  - Agent 3: Analyzes historical evaluations from vector DB to generate comprehensive final feedback.
- Integrated PDF report generation summarizing candidate performance, detailed feedback, and improvement suggestions using reportlab.
- Enabled aspiring professionals to simulate realistic interviews and receive actionable AI-driven guidance.

### AI-Powered Resume Screening and Ranking System | [GitHub](#)

2024

- Built an AI-based resume ranking tool aligned with job descriptions using NLP techniques such as Sentence Transformers for embeddings and LangChain-Groq LLMs for summarization.
- Enhanced matching accuracy through cosine similarity and TF-IDF keyword extraction.
- Increased processing efficiency by 30% employing multiprocessing; developed robust pipelines for PDF and DOCX parsing using pdfplumber and python-docx.
- Implemented advanced preprocessing including lemmatization and stopword removal via SpaCy to improve scalability and accuracy.

## EDUCATION

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- BSc Computer Science | Nagindas Khandwala College, Mumbai University | CGPA: 9.6

2022-2025

- HSC | Sathaye College, Mumbai | Percentage: 65.6%

2020-2022

## CERTIFICATIONS

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

## HOBBIES

Fitness enthusiast | Chess and outdoor sports lover | Keen on teamwork and strategic thinking