

JATIN GOUND

Python Developer | AI / GenAI Engineer

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OBJECTIVE

Python Developer / AI Engineer with strong proficiency in Python (NumPy, Pandas, Scikit-learn), solid OOP and API fundamentals, and hands-on experience building production-grade GenAI systems — RAG pipelines, prompt engineering, and agentic workflows with LangChain/LangGraph. Comfortable across the MLOps lifecycle, from Docker and Kubernetes to model deployment and monitoring.

EXPERIENCE

AI/LLM Development Intern — Adelsocial Technologies (OPC) Pvt. Ltd.

Jun 2026 – Sep 2026

- Built an AI-powered article generation feature for the GlobalAlfaNews platform using Python and LLM APIs, letting editors generate a complete, publish-ready article from a single topic input — cutting manual content-creation time for the editorial team.
- Collaborated with the development team on Adelsocial's client project pipeline, contributing LLM-based Python builds and REST API integrations while maintaining confidentiality of client data and deliverables.
- Participated in weekly internal code reviews and feedback sessions with the reporting manager, iterating on the feature based on structured evaluation and testing.

Data Analyst Intern — Analytics Career Connect

Apr 2026 – Jul 2026

Certificate of Completion | Experience Letter

- Collected, cleaned, and processed real-world datasets in Python (Pandas, NumPy) in a fast-paced startup environment to support data-driven decision-making and downstream model pipelines.
- Collaborated with cross-functional, remote teams, strengthening independent working and communication skills applicable to data engineering and ML pipeline development.

SKILLS

Programming & Core Concepts: Python, SQL, Object-Oriented Programming (OOP), REST API Design & Integration, Software Testing, Code Review, Code Quality Best Practices, Git & GitHub, SDLC, CI/CD Concepts

Data Science & ML Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Statistical Analysis, Model Evaluation (Accuracy, Precision, Recall, F1), Feature Engineering, EDA, Data Cleaning

Generative AI & LLMs: Prompt Engineering & Optimization, Retrieval-Augmented Generation (RAG) with FAISS, LangChain, LangGraph, Multi-Agent Orchestration, LLM Integration (Mistral AI, Helsinki-NLP), Hugging Face Transformers, Sentence-Transformers, Secure LLM/Enterprise Data Integration

API & Backend Integration: REST API Design & Development, Streamlit App Deployment, Provider-Agnostic LLM Integration Layers

Data Warehousing & Cloud: Microsoft Azure (AI/NLP Services), ETL Pipelines, exposure to cloud data-warehouse and container platforms

MLOps & Lifecycle Management: Docker, Kubernetes, Model Deployment, Structured Logging for Auditability, Agent/Model Evaluation, CI/CD Concepts, working knowledge of MLflow-style versioning and monitoring workflows

AI Governance & Standards: Guardrails & Input Validation, Human-in-the-Loop Review, Agent Evaluation, Structured Logging for Auditability, Responsible AI Practices

Visualization & BI: Power BI, Tableau, Matplotlib

Tools: Jupyter Notebook, Kaggle

PROJECTS

Autonomous Business Analyst — Multi-Agent GenAI System

Jun 2026 – Jul 2026

Tools: Python, LangChain, LangGraph, RAG, FAISS, Mistral AI API, Streamlit

- Replaced days of manual work behind writing a business plan — market sizing, competitor landscape, financial planning, and risk assessment — with a single Python-driven AI workflow that turns one plain-language business idea into a complete, structured plan in minutes.

- Orchestrated five specialist agents with LangGraph, grounding each agent's analysis in a RAG pipeline (FAISS + Mistral embeddings) over a curated knowledge base; added **input-validation guardrails**, step-level structured logging for auditability, and a provider-agnostic LLM integration layer, then deployed live via a Python REST-backed Streamlit app.

[Language Detection & Translation — LinguaDetect AI](#)

Mar 2026

Tools: Python, Scikit-learn, FastText, Helsinki-NLP (MarianMT), Transformers, Streamlit

- Built a Python system that cross-verifies two independent models and reports a calibrated confidence score, closing the reliability gap in most single-guess language-detection tools.
- Combined a custom Scikit-learn TF-IDF + Naive Bayes classifier (97.5% accuracy across 22 languages) with a FastText fallback (170+ languages); implemented rigorous **model evaluation** and a 3-level MarianMT translation fallback, then deployed live on Streamlit.

[Movie Recommendation System](#)

Feb 2026 – Mar 2026

Tools: Python, TF-IDF, Scikit-learn, Streamlit, TMDB REST API

- Built a content-based recommender in Python (Scikit-learn, Pandas) that works instantly for any user with no watch history or ratings required, unlike most collaborative-filtering systems.
- Engineered a unified feature set from genre, keywords, cast, crew, and overview, vectorized with TF-IDF, and used cosine similarity to surface the top 5 most relevant titles; integrated the **TMDB REST API** and shipped as a live, client-facing Streamlit web app.

EDUCATION

Bachelor of Technology in CSE (AI & ML) — IMS Engineering College, Ghaziabad, Uttar Pradesh

Aug 2023 – Sep 2027

CERTIFICATIONS

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| Google for Developers (EduSkills) — AI-ML Virtual Internship | Oct–Dec 2025 |
| IBM SkillsBuild — AI Fundamentals | Jun 2026 |
| Microsoft — NLP using Azure Services (Badge) | |
| AppWars Technologies — ML & AI Workshop | May 2025 |
| TATA (Forage) — GenAI Powered Data Analytics | Aug 2025 |
| Udemy — Python Development | Jul 2025 |
| British Airways (Forage) — Data Science Simulation | Dec 2025 |