HAMZA SIDDIQUI

Applied AI Engineer | Data Science Graduate | AI Automation & Analytics

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PROFESSIONAL SUMMARY

Data Science graduate and Applied AI Engineer Intern building end-to-end AI systems, including LLM audit workflows, RAG engines, voice and workflow agents, and analytics dashboards. Works across Python, FastAPI, Supabase/PostgreSQL, machine learning, and Power BI to turn business problems into practical tools. Seeking Applied AI / AI Engineer, Data Analyst, or BI Analyst roles in India, the UAE, or remote.

Nationality: Indian | **Languages:** English, Hindi, Urdu | **Availability:** Immediate

TECHNICAL SKILLS

Programming	Python, SQL
AI & GenAI	LLM applications, RAG, AI agents and multi-agent systems (Google ADK), prompt engineering, voice agents (Vapi.ai), Ollama
LLM APIs & Providers	Gemini, Groq (Llama 3.3 70B), OpenRouter, NVIDIA NIM, Jina Reader
Machine Learning	Scikit-learn, XGBoost, SHAP, anomaly detection (Z-score, Isolation Forest), NLP, sentiment analysis
Backend & Apps	FastAPI, REST APIs, webhooks, Streamlit, Next.js (basic)
Databases	PostgreSQL, Supabase, SQLite, ChromaDB
Data & BI	Pandas, EDA, data cleaning and validation, KPI reporting, Power BI, Excel
Automation & Tools	n8n, Git, GitHub, VS Code, Claude Code, OpenCode

PROFESSIONAL EXPERIENCE

Applied AI Engineer Intern
Jul 2026 - Present

Dhruvion · Mumbai, India

- Building Dhruvion GEO, a Generative Engine Optimization audit SaaS that measures brand visibility across AI search engines and the web (FastAPI, Next.js, Supabase/PostgreSQL).
- Engineered a multi-LLM visibility probe that queries Gemini, Groq, OpenRouter, and NVIDIA models in parallel to compare how each surfaces a client brand.
- Built the data-collection pipeline: business-profiling questionnaire and automated website crawling via Jina Reader, feeding a rubric-based, evidence-backed scoring dashboard.
- Designed the stack around free-tier AI and infrastructure; applied testing, privacy, and responsible-AI practices throughout.

Artificial Intelligence Intern
Jul 2026 - Aug 2026

Codec Technologies Pvt. Ltd. · Virtual

- Completed an AICTE- and ICAC-approved internship building hands-on AI/ML pipeline projects and delivering milestones ahead of deadlines.

Data Analyst / ERP Intern
Dec 2023 - May 2024

Sahil Dresses · Mumbai, India

- Collected, cleaned, and validated ERP exports; built Excel and Power BI dashboards for KPI tracking and management review.
- Identified sales and stock anomalies and automated weekly reporting, saving 5+ hours per week.

SPEAKING & EDUCATION

Guest Lecturer - "Applied AI for Everyday Life"
Department of Data Science, Atharva University · Mumbai | Oct 2026

Invited to teach two sessions to FY B.Sc. Data Science students - 85 students, approximately 2 hours 15 minutes; collected structured feedback.

B.Sc. Data Science
Atharva University (Atharva College), Malad, Mumbai | 2023 - 2026

CGPI: 7.90 / 10.00 | Coursework: Python, ML, SQL/PostgreSQL, statistics, business analytics, Power BI.

CERTIFICATIONS

IBM SkillsBuild: Agentic AI, AI Agents, Multiagent Systems, Retrieval-Augmented Generation, AI Awareness, and AI Appreciation. Power BI Workshop Certification. Microsoft Excel: Beginner to Advanced.

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KEY PROJECTS

AGMIS - Academic Guidance & Monitoring System

Python · FastAPI · PostgreSQL · Scikit-learn · Chart.js

- Final-year platform used by an international school, with role-based faculty and student dashboards for performance monitoring and KPI reporting.
- Applied Z-score and Isolation Forest anomaly detection with ML risk scoring to flag at-risk students early; open-sourced on GitHub.

AI Voice Agent - Real-Estate Lead Qualification

Vapi.ai · Webhooks · APIs

- Built a voice assistant for a property business that answers inbound calls, qualifies leads through natural conversation, and books viewings; live demo on portfolio.

SkillMind AI - Retrieval-Augmented Knowledge Platform

Python · FastAPI · ChromaDB · RAG

- Developed a semantic-search virtual counsellor using text embeddings and ChromaDB; improved retrieval with chunking and prompt engineering on a modular architecture designed for productization.

Huntii Analyser - AI Document Analysis Platform

Groq · Llama 3.3 70B · Streamlit

- Built a document-analysis app for a fundraising consulting firm, using model fallback chains and token-limit handling for reliable long-document summaries.

AI Engineer OS - Multi-Agent Orchestration System

Google ADK · Gemini 2.5 Flash

- Built an orchestrator coordinating seven specialised agents for planning, coding, debugging, review, research, learning, and deployment.

OTHER BUILDS

n8n AI Restaurant Agent (ordering and customer-query automation) · Multilingual Sentiment Analysis (~1.4M samples) · Spam Email Classifier (TF-IDF + Naive Bayes) · CodeExplainer and AI Code Comments Generator (offline developer tools).

LEADERSHIP & EXTRACURRICULAR

- National Cadet Corps (NCC) - developed leadership, teamwork, communication, and decision-making through structured training.
- State-level basketball player - demonstrated teamwork, discipline, and performance under pressure.