

# HAMZA SIDDIQUI

Data Analyst | AI & Machine Learning Enthusiast



📍 Dubai, UAE (Available for Relocation)  
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## PERSONAL DETAILS

Nationality:	Indian	Visa Status:	Employment Visa Required
Date of Birth:	06/06/2004	Languages:	English, Hindi, Urdu
Marital Status:	Single	Gender:	Male
Location:	Open to all UAE Emirates	Notice Period:	Immediately Available

## CAREER OBJECTIVE

Results-driven Data Science graduate with hands-on experience in data analysis, machine learning, AI application development, and business intelligence. Seeking an entry-level Data Analyst role in the UAE to leverage expertise in Python, SQL, Power BI, and Generative AI to deliver actionable insights and data-driven solutions. Adept at transforming complex datasets into meaningful business intelligence, with a strong foundation in ERP reporting, anomaly detection, and AI-powered analytics platforms. Eager to contribute to UAE's rapidly growing data and technology ecosystem.

## TECHNICAL SKILLS

Programming Languages	Python, SQL
Data Analysis	Statistics, EDA, Data Cleaning & Transformation, Data Validation
Machine Learning	Scikit-Learn, ML Fundamentals
Artificial Intelligence	Generative AI, LLM Concepts, RAG (Retrieval-Augmented Generation), Prompt Engineering
Frameworks & APIs	FastAPI, REST APIs, n8n (Workflow Automation)
Databases	PostgreSQL, SQLite, ChromaDB (Vector DB)
BI & Visualization	Power BI, Microsoft Excel, Matplotlib
Tools & Platforms	Git, GitHub, VS Code

## PROFESSIONAL EXPERIENCE

### Data Analyst / ERP Intern

Dec 2023 – May 2024

Sahil Dresses | Mumbai, India

- Collected, cleaned, and transformed business datasets for operational reporting and decision support.
- Performed data validation and quality checks, improving reporting accuracy across ERP modules.
- Built interactive reports and dashboards using Microsoft Excel and Power BI for management review.
- Identified trends and anomalies in operational data to support strategic business decisions.
- Collaborated with cross-functional teams to improve ERP system data visibility and usability.

## KEY PROJECTS

## AGMIS – Academic Guidance & Monitoring System

Python, FastAPI, SQLite, Machine Learning

[github.com/hamsidhi/AGMIS](https://github.com/hamsidhi/AGMIS)

- Built an AI-driven academic monitoring and analytics platform for institutional use.
- Designed data pipelines to process and analyze student performance data at scale.
- Applied anomaly detection (Z-score, Isolation Forest) to flag at-risk student profiles.
- Developed role-based dashboards and reporting modules; published as open-source.

## SkillMind AI – Retrieval-Augmented Knowledge

Python, FastAPI, ChromaDB, RAG

### Platform

- Developed a full-stack RAG platform for intelligent knowledge retrieval.
- Implemented semantic search using text embeddings and vector database (ChromaDB).
- Improved retrieval accuracy through advanced prompt engineering and chunking strategies.
- Designed modular, scalable architecture for AI workflow orchestration.

## ArcheoMind – Intelligent Document Analysis System

Python, NLP, Retrieval Systems

- Developed document parsing, indexing, and semantic retrieval workflows for large collections.
- Built intelligent question-answering capabilities using NLP extraction techniques.

## AI Automation & Voice Agents

Python, APIs, n8n, Automation Platforms

- Designed and deployed AI-powered voice agents for business process automation.
- Integrated multiple external APIs to support scalable, real-world automation pipelines.

## EDUCATION

### Bachelor of Science in Data Science

2023 – 2026 (Final Year)

Atharva College, Mumbai University | CGPI: 7.90 / 10.00

## CERTIFICATIONS & COURSES

- IBM SkillsBuild – Agentic AI
- Power BI Workshop Certification
- Microsoft Excel Certification

## LEADERSHIP & EXTRACURRICULAR

**National Cadet Corps (NCC)** — Developed leadership, teamwork, communication, and decision-making skills through structured military training programs.

**State-Level Basketball Player** — Represented state in competitive basketball — demonstrating teamwork, discipline, and performance under pressure.

## DECLARATION

*I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief. I am available for an interview at your convenience.*

Place: Dubai / Mumbai

**Hamza Siddiqui**