

HAMZA SIDDIQUI

Data Science Graduate | AI, Automation & Business Analytics

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PERSONAL DETAILS

Nationality:	Indian	Languages:	English, Hindi, Urdu
Date of Birth:	06/06/2004	Gender:	Male
Marital Status:	Single	Notice Period:	Immediately Available

CAREER OBJECTIVE

Data Science graduate with hands-on experience across artificial intelligence, workflow automation, business analytics, and data-driven application development. Built practical systems using Python, SQL, FastAPI, machine learning, RAG, vector databases, Power BI, Excel, and n8n. Experienced in transforming operational data into reports and dashboards, building AI-powered information retrieval workflows, and applying anomaly detection to real-world business and academic use cases. Strong communicator with a practical, business-focused approach to technology.

TECHNICAL SKILLS

Programming:	Python, SQL
Data & Analytics:	Statistics, EDA, Data Cleaning, Data Validation, KPI Reporting, Data Visualization, Business Reporting
Machine Learning:	Scikit-learn, ML Fundamentals, Anomaly Detection
AI & GenAI:	Generative AI, LLM Concepts, RAG, Prompt Engineering
Backend & APIs:	FastAPI, REST APIs
Databases:	PostgreSQL, SQLite, ChromaDB
BI & Productivity:	Power BI, Microsoft Excel, Microsoft PowerPoint, Google Workspace
Automation & Tools:	n8n, Workflow Automation, Git, GitHub, VS Code
Programming:	Python, SQL

PROFESSIONAL EXPERIENCE

Artificial Intelligence InternJul 2026 – Aug 2026

Codec Technologies Pvt. Ltd. | Virtual

- Completed a 1-month AICTE & ICAC approved Artificial Intelligence internship focused on practical AI project work and structured training.
- Worked on assigned AI projects and training tasks under project supervision, strengthening hands-on problem-solving and applied AI development skills

Data Analyst / ERP InternDec 2023 – May 2024

Sahil Dresses | Mumbai, India

- Collected, cleaned, transformed, and validated ERP business data for reporting, KPI tracking, and operational analysis.
- Built interactive reports and dashboards in Microsoft Excel and Power BI for management review and business decision-making.

- Analyzed business data to identify trends and communicate actionable insights to support operational workflows.
- Collaborated with cross-functional teams to deliver reports, resolve data-quality issues, and improve reporting workflows.

KEY PROJECTS

AGMIS – Academic Guidance & Monitoring System

Python, FastAPI, SQLite, Machine Learning

github.com/hamsidhi/AGMIS

- Data analytics platform for monitoring student performance through dashboards, anomaly detection and KPI reporting.
- 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 data retrieval and analytics platform using Python and FastAPI with structured data processing and intelligent search capabilities.
- 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.
- Developed an AI-powered knowledge platform focused on improving information discovery and user experience.
- Applied prompt engineering and intelligent search techniques to enhance content retrieval.

AI Automation & Voice Agents

Python, APIs, n8n, Automation Platforms

- Built AI-powered workflow automation solutions to streamline repetitive business tasks.
- Integrated AI tools and APIs to improve operational efficiency and productivity.

EDUCATION

Bachelor of Science in Data Science

2023 – 2026

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.

Hamza Siddiqui