

ZURIA TAHIR

zuriatahir18@gmail.com | +92 325 7987885 | Lahore, Pakistan

LinkedIn | GitHub

PROFESSIONAL SUMMARY

Data Science graduate and **AI & Automation Engineer** specialized in building **Agentic Workflows, Machine Learning models, and NLP systems**. Expert in architecting autonomous AI agents and high-deliverability outbound infrastructures. Committed to optimizing industrial workflows in **AI Automation, ML/AI, or Associate Data Science roles**.

SKILLS SUMMARY

Programming: Python, SQL, JavaScript (Node.js), HTML/CSS

AI & Machine Learning: Machine Learning, Deep Learning, Computer Vision, NLP, Agentic Workflows, RAG, FAISS, Sentence-Transformers.

Tools & Platforms: n8n, make.com, Playwright, Apify, Docker, Flask, MySQL, Power BI, Railway, Microsoft Azure, Airtable

Soft Skills: Technical Strategy, Analytical Problem Solving, Research, Team Collaboration.

WORK EXPERIENCE

Junior Automation & AI Engineer | Buildberg.co

January 2026 – Continue

AI & Automation Engineer | Techionik.ltd

Oct 2025 – January 2026

PROJECTS

High-Scale Lead Engagement & Deliverability Engine

Dec 2025

- Built a stable, 3-tier automated engine for high-volume outreach focusing on deliverability over speed.
- Integrated ZeroBounce API for multi-stage email validation and maintained global suppression lists.
- **Technologies:** n8n, JavaScript, Microsoft Graph API, Google Cloud, ZeroBounce, Cal.com, Railway.

KSFormer – Skin Lesion Segmentation

July 2025

- Designed a high-precision medical imaging system achieving a **96% Dice score**.
- **Technologies:** Python, PyTorch, NumPy, OpenCV, Flask, MySQL.

AI-Powered Multimodal WhatsApp Assistant

Feb 2026

- Developed a multimodal AI bot handling text, voice, and images, integrated with **RAG** for context-aware customer support.
- **Technologies:** n8n, OpenAI, Supabase, Whapi.cloud, REST API, Webhooks.

AI-Powered E-Commerce Price Monitor

April 2026

- Built an automated price tracking system using **n8n** to scrape live product data and log historical trends in **Google Sheets**.
- Deployed **OpenAI Agents** to analyze price history and trigger smart **Slack** alerts only for significant market deals.
- **Technologies:** n8n, OpenAI (GPT-4o), Python (Native), Google Sheets API, Slack API.

Wikipedia RAG Chatbot

Sept 2025

- Developed a Retrieval-Augmented Generation system using **FAISS** for vector search and Mistral-7B.
- **Technologies:** Python, FAISS, Hugging Face API, Sentence-Transformers, Flask.

EDUCATION

Bachelor of Data Science

Dec 2021 – Sep 2025

GIFT University, Gujranwala

CERTIFICATIONS

- **Prompt Engineering**, IBM (2026) | **GenAI Job Simulation**, BCGX (2025)
- **Data Science & Analytics**, HP Life (2025) | **Data Visualization**, TATA (2025)
- **Text Data Manipulation**, CodeSignal (2025) | **Google Sheets & Google Cloud** (2025)
- **CSS, JS, PHP & Python**, Udemy (2024)