

SYED MUJTABA HAIDER

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EXPERIENCE

Generative AI Engineer, Tekvix – Lahore, Pakistan December 2025 – Present

- Building data-driven platforms for real estate and PropTech companies by processing complex property data.
- Designing backend APIs and scalable data pipelines using LangChain, LangGraph, LangSmith, and Neo4j.
- Implementing RAG systems and intelligent agents, including Claude Agents, Claude Skills, and MCP servers.
- Building end-to-end n8n automations integrated with GoHighLevel, Mautic, and Sierra CRMs.

Associate Data Scientist, Programmers Force – Lahore, Pakistan September 2025 – November 2025

- Worked on advanced AI and computer vision solutions for security, automation, and identity intelligence.
- Responsible for model development, experimentation, and large-scale training for production environments.
- Built reliable, scalable AI pipelines integrating data engineering, preprocessing, deployment, and continuous validation.

Associate Software Engineer, Keyob – Lahore, Pakistan June 2025 – August 2025

- Gained hands-on experience with in-production ERP systems and tested new features across releases.
- Worked as a Full Stack Developer on ERP systems using Next.js and React for frontend and backend development.
- Utilized Docker for containerization and collaborated with the team following Agile methodologies.

EDUCATION

FAST National University of Computer and Emerging Sciences 2021 – 2025

Bachelor's in Data Science

- Relevant Coursework: Machine Learning, NLP, Deep Learning, Generative AI, Reinforcement Learning, Cloud Computing, Data Warehousing, Data Structures, Database Management

SKILLS

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- **Programming Languages:** C, C++, Python, R, SQL, Java, JavaScript, HTML, CSS
 - **Machine Learning:** TensorFlow, Keras, PyTorch, Scikit-learn, Pandas, NumPy, OpenCV, NLTK, SpaCy
 - **Generative AI:** LangChain, LangGraph, LangSmith, RAG, Multi-Agent Systems, Claude Agents, Claude Skills, MCP Servers, OpenAI/Anthropic APIs, Neo4j
 - **Automation & CRM:** n8n, GoHighLevel, Mautic, Sierra Interactive, Airtable, REST APIs, Webhooks, Slack & Gmail APIs
 - **Data & Cloud:** SQL Server, Matplotlib, Seaborn, Apache Spark, Hadoop, Google Cloud, Azure
 - **Web Development:** Django, Flask, React, Next.js, Node.js, Express.js, REST APIs
 - **Tools:** VS Code, Docker, Git/GitHub, Google Colab, Jupyter Notebooks

PROJECTS

Real Estate Contract Automation (n8n, Claude API, A-Frame CRM)

- Email-triggered pipeline that extracts structured data from PDF contracts, gates it on confidence, checks duplicates, and creates CRM transactions.

CRM Lead Enrichment & Cold Outreach Engine (n8n, Mautic)

- Batch workflow that upserts companies and contacts, scores email deliverability, and generates personalized first-contact emails.

Weekly Agent Performance Reporting (n8n, Domo, Airtable, Slack)

- Scheduled ETL that pulls paginated activity data, computes weekly metrics, upserts to Airtable, and posts a formatted Slack report.

AI Technical Co-Founder Platform

- Autonomous multi-agent system that analyzes startup ideas and generates architecture, backend setup, and deployment plans.

Voice AI Assistant

- Real-time voice system integrating STT, LLM-based responses, and TTS, deployed with Docker.

TravelMate - Smart Travel Assistant

- RAG-based travel assistant using OpenAI and scraped Google Maps data for personalized recommendations.

Minimal Product Portfolio Optimization

- Data-driven model reducing a 5,800+ SKU catalog to 20 high-impact products using revenue and demand analysis.

Stock Price Prediction

- Forecasting system built with RNN, LSTM, BiLSTM, and GRU models on historical stock data.

BloodLink - Blood Donation Platform

- Full-stack MERN platform for requesting, donating, and tracking blood donations in real time.