

M. MUZAMMIL SHAH

Karachi, Pakistan | +92 330 235 8711 | syedmmuzammil42101@gmail.com | [LinkedIn](#) | [GitHub](#)

AI Engineer · Power Platform Consultant · Agentic AI

AI Engineer with a strong background in delivering production-ready AI solutions — spanning RAG knowledge bases on Azure, real-time voice agents, and enterprise Copilot Studio deployments. Proficient in Azure Web Services, Azure AI Foundry, and Azure Machine Learning Studio. Currently working as a Power Platform Consultant, automating complex workflows using Power Platform. Completed a Generative AI fellowship with Buildable and served as a Beta Microsoft Student Ambassador. Deeply focused on Agentic AI building autonomous, multi-step AI systems that work in the real world, not just on paper

TECHNICAL SKILLS

AI & ML: Python, Machine Learning, NLP, LLMs, RAG, LangChain, Prompt Engineering

Microsoft Stack: Power Platform, Azure Web Services, Azure AI Foundry, Azure Machine Learning Studio

Deep Learning & CV: TensorFlow, PyTorch, OpenCV, YOLO

Automation & Tools: N8N, VectorShift, Supabase Vector, Groq, Flask, SSE

Data: SQL, Pandas, NumPy, Data Visualization

PROFESSIONAL EXPERIENCE

Power Platform Consultant (Remote) | 1Dynamics PTY LTD — Australia · *Feb 2026 – Present*

- ▶ Built and configured AI agents in Copilot Studio, reducing manual query handling by streamlining automated response workflows across enterprise use-cases.
- ▶ Developed Power Automate flows integrated with Dataverse to automate business processes, cutting task resolution time for recurring operations.
- ▶ Tested and validated AI agent accuracy end-to-end, documenting issues and iterating on topic triggers and adaptive responses.
- ▶ Maintained daily timesheets and consistently delivered assigned milestones on schedule in a fully remote, cross-time zone environment.

Generative AI Fellow | Buildable — Remote · *3-Month Fellowship*

- ▶ Designed and deployed a real-time web voice chatbot using Flask, SSE, and Groq LLM — handling speech-to-text and text-to-speech for a seamless conversational UX.
- ▶ Built under the mentorship of senior tech professionals, completed real-world product challenges under tight sprint deadlines.

Data Science Fellow | Bytewise Limited — Remote · *3-Month Fellowship*

- ▶ Completed an applied NLP project: Emotion detection from text using sentiment analysis pipelines.
- ▶ Developed a social media opinion analysis system processing public datasets to surface trends.
- ▶ Created COVID-19 data visualizations communicating complex epidemiological trends to non-technical audiences.

KEY PROJECTS

AI Knowledge Base Copilot (RAG – Microsoft Stack)

- ▶ Designed a RAG-based Copilot using Azure AI Search (Embeddings) + Azure Blob Storage for a context-aware enterprise Q&A system.
- ▶ Integrated semantic search with Copilot Studio, achieving highly relevant responses across large knowledge bases.

CallBotX – AI-Powered Voice Agent

- ▶ Built a real-time AI voice assistant combining RAG, STT (speech-to-text), and TTS (text-to-speech) for natural voice interaction.
- ▶ Demonstrated end-to-end LLM pipeline from audio input → retrieval → generation → spoken response.

Copilot Studio Agent (Microsoft Agent Academy)

- ▶ Built and published a declarative Copilot agent with topics, triggers, Adaptive Cards, and agent flows.
- ▶ Deployed on Microsoft Teams / M365 Copilot for real enterprise users.

n8n AI Automation Suite

- ▶ AI-Powered Research Assistant using n8n + Supabase Vector + Azure Embeddings for automated document Q&A.
- ▶ WhatsApp Customer Support Bot (n8n + Twilio + Vector Search) serving live customer queries.
- ▶ Conversational WhatsApp Automation Bot using n8n + Groq LLM with AI agent orchestration.

EDUCATION

BS in Artificial Intelligence · Sindh Madressatul Islam University, Karachi ·

Graduated: Jan 2026

CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900) — Microsoft
- Python Crash Course & Machine Learning — Coursera
- Pandas, NumPy, Data Cleaning & LangChain — DataCamp & Kaggle
- Data Analytics and Business Intelligence — Digiskills.pk
- NLP with Python for Machine Learning — LinkedIn Learning
- Data Science Program — NED University (PITP)

VOLUNTEER & COMMUNITY

Beta Microsoft Student Ambassador | Microsoft — Global ·

Sep 2024 – Present

- Hosted online technical sessions reaching 100+ students on topics including:
- Build, Train & Deploy with Azure Machine Learning Studio
- Building an AI Video Generator with Sora on Azure
- RAG in Production: Building Real-World AI Knowledge Systems

Scan Me

