

# MUHAMMAD MUHADDAS

*I build AI products people actually use.*

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## EDUCATION

**Lahore Garrison University**  
B.E. in Software Engineering

Lahore, Pakistan  
Expected Graduation, 2026

## SKILLS

**Generative AI & LLMs:** LLM Fine-tuning, RAG Pipelines, Prompt Engineering, LangChain, Vector DBs (Pinecone/Weaviate), Semantic Search, Transformer Architectures

**Machine Learning & DL:** Supervised/Unsupervised Learning, Neural Networks, PyTorch, TensorFlow, Scikit-learn, NLP, NER, Sentiment Analysis, Anomaly Detection, GANs

**Engineering & APIs:** Python, JavaScript, FastAPI, REST APIs, Next.js, React, HTML, CSS, SQL, PHP, SQLite

**AI Infrastructure:** Groq (Whisper + LLaMA), WASAPI audio capture, Local RAG, Windows native apps, Voice pipelines, Cartesia TTS, LiveKit

**Web Scraping:** Enterprise scraping — Amazon, GSA, SAM, SEPTA (government & e-commerce portals)

**Tools:** Git, GitHub (35+ public repos), Vercel, Netlify, Postman

## EXPERIENCE

**Rizviz International Impex**

AI Engineer

Lahore, Pakistan  
Jun 2025 – May 2026

- Designed and integrated AI-driven modules into the corporate ERP system, automating high-volume data workflows and streamlining decision-making across departments.
- Fine-tuned **Large Language Models (LLMs)** and Transformer architectures on proprietary business data to align model outputs with domain-specific requirements.
- Engineered a **Responsible AI chatbot** with advanced safety guardrails, ethical interaction policies, and secure data-handling — deployed for internal and client-facing use.
- Built and deployed custom ML and Deep Learning models end-to-end, optimizing AI infrastructure costs by reducing GPU and token usage while maintaining production performance.

## PROJECTS

- Maiku AI — Real-Time Interview Copilot (SaaS · 2,000+ Users)** [maiku.app](https://maiku.app)
- ArchitectXpert — AI Floor Plan & 2D Visualization Platform** [architectxpert.tech](https://architectxpert.tech)
- FakeGuard — AI Fake News Detector** [fakeguard-nine.vercel.app](https://fakeguard-nine.vercel.app)
- VoiceIQ — Pakistan's AI Voice Receptionist (SaaS)** [frontend-seven-psi-bdszabpp9y.vercel.app](https://frontend-seven-psi-bdszabpp9y.vercel.app)
- Salesforce Architect AI Assistant (RAG Pipeline)** [modular-rag.vercel.app](https://modular-rag.vercel.app)
- Cartesia Voice Assistant** [cartesia-assistant.vercel.app](https://cartesia-assistant.vercel.app)
- OU IT Assistant — University AI Chatbot** [ou-chatbot-frontend.vercel.app](https://ou-chatbot-frontend.vercel.app)
- ChurnSight — Telecom Customer Churn Predictor** [customer-churn-ten.vercel.app](https://customer-churn-ten.vercel.app)
- Sentinel ML — Predictive Maintenance Dashboard** [sentinel-ml-blond.vercel.app](https://sentinel-ml-blond.vercel.app)
- Amazon Web Scraper** [amazon-scraper-frontend.vercel.app](https://amazon-scraper-frontend.vercel.app)
- Cloud Scraper** [cloud-scraper.vercel.app](https://cloud-scraper.vercel.app)

## ACHIEVEMENTS

- Maiku AI:** Production SaaS with 2,000+ users, sub-500ms pipeline (Groq Whisper + LLaMA 3.3 70B), OS-level invisible screen overlay, and paid tier — fully self-built.
- VoiceIQ:** Pakistan's first AI voice receptionist — answers calls in Urdu & English, scores leads HOT/WARM/COLD, and books appointments 24/7. Live SaaS with a paid tier.
- ArchitectXpert:** AI platform generating professional floor plans with building code compliance and real-time 2D visualization — deployed as a live product from a Final Year Project.
- Deployed **11+ production AI applications** across SaaS, voice AI, RAG, ML prediction, fake news detection, and data engineering — all publicly live.
- Maintains **35+ public GitHub repositories** spanning Generative AI, ML, web scraping, voice agents, and full-stack development.

*Available immediately · Open to full-time, part-time & remote AI/ML roles*