

MUHAMMAD ARYAN KHAN

AI Engineer

☎ +92-347-6871848 ✉ mkhanaryan28@gmail.com [in linkedin.com/in/m-aryan-khan](https://www.linkedin.com/in/m-aryan-khan) [globe m-aryan-khan.vercel.app](https://m-aryan-khan.vercel.app)

Summary

AI Engineer with experience building multi-agent AI systems, RAG pipelines, and LLM-powered applications. Strong background in Python and backend development, with hands-on experience designing scalable AI solutions, developing data-driven APIs, and applying machine learning to real-world problems.

Education

B.S. Computer Science

2022 – 2026

FAST National University of Computer and Emerging Sciences

Karachi

- Honors & Awards: Dean's List of Honors (Fall 2025 and Spring 2026)
- Elective: 'Data Science', 'Enterprise Systems Development'

Technical Skills

Languages: Python, SQL, Java, C++, JavaScript

AI & LLMs: CrewAI, RAG, Multi-Agent Systems, Spring AI, Ollama

Data Science & ML: Scikit-learn, Model Evaluation, Data Processing, NumPy, Pandas

Backend: FastAPI, Spring Boot, REST APIs

Databases: PostgreSQL, MySQL, MongoDB

Experience

AI Engineer

June 2026 – Present

0degrees.io by FAST Ventures

Karachi

- Worked on Misk-Hub foundation's portal by crown prince of KSA, from idea, design to execution handling.
- Migrated and transformed 5M+ data records between platforms, ensuring compliance with target specifications, and leveraged the processed data to implement AI-powered features.

AI Engineer Intern

April 2026 – June 2026

OvrloD by FAST Ventures

Karachi

- Developed Multi Agentic AI pipelines and integrated multi-step reasoning with custom retrieval workflows (RAG).

Projects

FYP – Multi-Agent AI Banking Support System | *FAST API, RAG, TTS & STT, Groq, LLaMA, FAISS* 2025-26

- Designed a multi-agent AI system for automated banking support with intent classification and task routing.
- Achieved <1.5s voice latency, 80% Auto Resolved queries, 95% Banking domain relevancy

AI-Driven AdTech Analytics & Multimodal Vision Pipeline | *Python, Groq SDK (Llama 4), OpenCV, yt-dlp* 2026

- Engineered an automated AdTech intelligence pipeline using Python and LLMs to extract and analyze competitor campaign data.
- Developed a multimodal vision system utilizing OpenCV and Llama-4 to decode visual strategies from video ads.

Micro-Agent Orchestrator for AI Tasks | *Java, Spring Boot, Python, LLMs*

2025

- Developed an orchestration backend to route requests to specialized AI agents with local LLM inference.
- Connected Python NLP services via async REST pipelines with logging, request tracking, and secure API access.

Certifications

Google AI Professional Certificate

2026

Google

- Learned practical AI, machine learning, prompt engineering, and generative AI application development.

CS50 - Artificial Intelligence with Python

2025

Harvard University

Leadership

Vice President Tech

Sep 2025 – May 2026

Microsoft Learn Student Ambassadors (MLSA), FAST