

Shanawar Taha

AI Systems / Full-Stack Engineer

Lahore, Pakistan | BS Computer Science, The University of Lahore

PROFILE

CS student building autonomous multi-agent systems and scalable applications.

Focus: LLM orchestration, computer vision, systems engineering and low-latency APIs.

SELECTED PROJECTS

Procure-Agent | Lead Architect & Full-Stack Developer

Multi-agent procurement intelligence using Python, LangGraph, FastAPI and PostgreSQL.

Real-Time Multimodal Screen Assistant | AI / Systems Engineer

Screen-aware assistance using WebSockets, OpenCV and Gemini Multimodal Live API.

Multi-Agent Workflow & Task Execution Engine | Core Developer

Dependency-aware agent execution with Python, Redis Queue and Docker.

Fruit Fuel | Founder & Full-Stack Operator

Shopify commerce operations, inventory workflows, analytics and CRO.

EXPERIENCE & LEADERSHIP

2023 - Present | Team Lead & Project Architect, UOL Academic Projects

Led multidisciplinary student engineering teams across 6+ academic semesters.

2026 | Nominee & Participant, Ascend Career Leadership Program

2026 | Campus Wellbeing Ambassador, UOL Student Affairs

TECHNICAL TOOLKIT

Python, TypeScript, JavaScript, SQL, C++, LangChain, LangGraph, FastAPI, React, Next.js, PostgreSQL, Redis, Docker, Git, Linux, REST APIs and WebSockets.

Portfolio summary generated from supplied information; not an original CV.