

# HASAAN QURESHI

Pursuing AI Engineer

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Peshawar, Pakistan



## SUMMARY

Innovative AI Engineer with expertise in OpenAI Agent SDK, LangGraph, LangChain, CrewAI, and Python, specializing in building intelligent agents and scalable AI-driven solutions. Passionate about integrating AI with cloud technologies to develop efficient, cloud-native applications. Experienced in designing and deploying AI workflows, leveraging event-driven architectures, and optimizing system performance. Seeking to contribute technical expertise and problem-solving skills to a forward-thinking team.

## EDUCATION

### Agriculture University Peshawar

Bachelor's Degree in Computer Science  
2022 – 2026 (Expected)

### Government Superior Science College

Intermediate In Computer Science  
2020 – 2022

## SKILLS

- **Programming Languages:** Python
- **AI & Agent Frameworks:** OpenAI Agent SDK, CrewAI, LangGraph, LangChain
- **Databases:** NoSQL
- **Machine Learning & AI:** LLMs (ChatGpt, Grok & Deepseek), Prompt Engineering
- **Event Driven & Streaming:** FastAPI & Kafka

## CERTIFICATIONS

- Multi AI Agents System (CrewAI)
- AI Agentic Design Pattern with Autogen (Microsoft)
- AI Python for Beginner (DeepLearning.AI)

## PROFESSIONAL EXPERIENCE

### AI Engineer Intern

Upwork

- Built a Customer Support AI Agent using LangGraph and Gemini-1.5-Flash to handle:
  - Query Categorization – Automatically classifies user inquiries into relevant categories.
  - Billing Support – Assists users with payment-related questions.
  - Complaint Resolution – Processes and responds to customer complaints efficiently.
  - General Inquiries – Provides real-time answers and assistance

### Python Back-End Developer

Upwork

- Developed an Online API Mart Project using FastAPI, Python, Docker, Docker Compose, Kafka, and PostgreSQL, following a microservices architecture.
  - Designed and implemented six microservices (Product, Inventory, Payment, Notification, Order, and User) ensuring modularity and scalability.
  - Integrated Kafka for asynchronous event-driven communication between microservices, improving system efficiency.
  - Developed JWT-based authentication for secure user management and order and payment processing.
  - Optimized database queries and indexing strategies for improved API performance.