



3 Courses

Fundamentals of Building AI Agents

Agentic AI with LangChain and LangGraph

Agentic AI with LangGraph, CrewAI, AutoGen and BeeAI



Nov 30, 2025

## Hassan Abdus Salam

has successfully completed the online, non-credit Specialization

# Building AI Agents and Agentic Workflows

The certificate holder has gained practical expertise in designing agentic AI systems using modern frameworks and workflow patterns. Through hands-on labs and projects, they built LangGraph agents supporting memory, iteration, conditional logic, and Agentic RAG, developed self-improving AI agents, designed multi-agent systems with orchestration, and structured modular workflows using CrewAI. They also applied frameworks like IBM BeeAI and AG2 (AutoGen) to conversation-driven applications and scalable workflows, configuring agents, tasks, memory, and tools to enable reasoning, feedback loops, and autonomous behavior.

A handwritten signature in black ink, appearing to read "Rav Ahuja".

Rav Ahuja  
CCO & Global Program Director  
Skills Network

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
<https://coursera.org/verify/specialization/9DXU596THM3F>