MICROSOFT OFFICIAL CURRICULUM

# Developing in Agentic AI Systems

Official Microsoft Learn-aligned instructor-led program for Developing in Agentic AI Systems.

Microsoft

GH-600T00

AI | Intermediate | GitHub

**AVAILABILITY NOTICE**

This course will be available on 7/31/2026.

| DURATION | LEVEL | FORMAT | CERTIFICATION |
|---|---|---|---|
| 1 day | Intermediate | Virtual, On-site, or Hybrid | GH-600T00 |

AUDIENCE PROFILE

## Built for these roles

Learners should have subject matter expertise in operating, integrating, supervising, and governing AI agents inside production-grade SDLC workflows and development environments, ensuring reliability, safety, and velocity using GitHub as the system of record and control plane. Learners work closely with architects, platform engineers, DevOps engineers, application developers, product managers, and security engineers to develop, deploy, operate, and manage agents that operate within the GitHub platform. Learners should have experience with the software development lifecycle (SDLC), workflows in GitHub and controls, and code quality, security, and review practices. You should also have experience with coding agents including GitHub Copilot, MCP servers and agent customization such as custom instructions, custom agents, tools, and Copilot setup Responsibilities for this role include: - Operating agent workflows inside the SDLC - Supervising autonomous behavior with GitHub controls - Evaluating and tuning agent outputs using scans and artifacts - Configuring custom agents - Coordinating multi-agent execution safely

OVERVIEW

## Executive overview

Important This course is designed to build practical skills in developing, deploying, and managing agentic AI systems within GitHub-based software development workflows. The course explores how to integrate AI agents into the software development lifecycle (SDLC), including designing agent architectures, configuring tools and environments, and managing agent memory, state, and execution. Students will learn how to evaluate and optimize agent performance, implement governance and guardrails, and coordinate multi-agent systems to ensure safe, reliable, and efficient outcomes. Through hands-on learning, participants will gain the skills needed to operate, supervise, and govern AI agents in production environments using GitHub as the control plane.

PROGRAM OUTCOMES

## Capabilities your teams will gain

- Strengthen capability in ai scenarios
- Strengthen capability in github scenarios
- Strengthen capability in role-based scenarios

TRAINING PROVIDER
VNode ITeS
MICROSOFT CERTIFIED TRAINER
vnodeites.com
linkedin.com/company/vnodeites

TALK TO US
info@vnodeites.com
+91 9779 91 4792
WhatsApp · +91 9779 91 4792
+91 9419 11 4792

OFFICE
DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform

ENTERPRISE CUSTOMIZATION

## Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Developing in Agentic AI Systems using the official Microsoft Learn outline.

### Customization options

- Align labs to your production environment and platform priorities
- Add readiness reviews and instructor-led practice sessions
- Extend into project-specific architecture or delivery coaching

CURRICULUM

## Curriculum roadmap

1

MODULE 1

### Developing in Agentic AI Systems Part 1 of 2

Learn how to design, deploy, and manage agentic AI systems within the software development lifecycle by integrating, orchestrating, and governing autonomous agents using GitHub to ensure safe, reliable, and scalable delivery.

- Foundations of Agentic AI in GitHub
- Designing Agent Architecture and SDLC Integration
- Tooling, MCP, and Agent Execution Environments

2

MODULE 2

### Developing in agentic AI systems part 2 of 2

This is part two of two part learning series to support our new certification, Developing in Agentic AI Systems. In this learning path you will learn how to design, deploy, and manage agentic AI systems within the software development lifecycle by integrating, orchestrating, and governing autonomous agents using GitHub to ensure safe, reliable, and scalable delivery.

- Multi-Agent Systems and Orchestration
- Memory, State, and Evaluation
- Governance, guardrails, and operations

PRIVATE DELIVERY

## Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

vnodeites.com

TRAINING PROVIDER
VNode ITeS
MICROSOFT CERTIFIED TRAINER
vnodeites.com
linkedin.com/company/vnodeites

TALK TO US
info@vnodeites.com
+91 9779 91 4792
WhatsApp · +91 9779 91 4792
+91 9419 11 4792

OFFICE
DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform