AZ-2007 Accelerate app development by using GitHub Copilot

Category: Software Development & Programming | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Get started with AI-assisted development
Related Exam:	AZ-2007

Course Overview

Learn how to accelerate app development by using GitHub Copilot and GitHub Copilot Chat in a Visual Studio Code environment.

About This Course

Learn how to accelerate app development by using GitHub Copilot and GitHub Copilot Chat in a Visual Studio Code environment.

Prerequisites & Entry Requirements

General Prerequisites:

- An active subscription for GitHub Copilot is required for either a personal GitHub account or a GitHub account managed by an organization or enterprise.
- One or more years of code develop experience is recommended.
- Some experience developing C# applications in Visual Studio Code with the C# Dev Kit extension is recommended.

Detailed Course Outline

1 - Get started with GitHub Copilot

- Examine AI tools from GitHub, OpenAI, and Microsoft
- Compare GitHub Copilot plans
- Review GitHub Copilot features
- Examine GitHub Copilot's setup process
- Configure GitHub Copilot settings in Visual Studio Code
- Manage GitHub Copilot policies, features, and extensions for individuals
- Examine GitHub Copilot's code completion features
- Examine GitHub Copilot's AI assistance features
- Examine GitHub Copilot Chat view features
- Examine GitHub Copilot inline chat, smart actions, and quick chat
- Module assessment

2 - Generate documentation using GitHub Copilot tools

- Review GitHub Copilot's "explain" and "document" features
- Examine GitHub Copilot prompts and keywords
- Analyze and explain code using GitHub Copilot
- Generate project documentation using GitHub Copilot
- Generate inline code documentation using GitHub Copilot
- Module assessment

3 - Develop code features using GitHub Copilot tools

- Examine the code development features of GitHub Copilot
- Examine GitHub Copilot best practices
- Generate code using GitHub Copilot code completion suggestions
- Generate code using GitHub Copilot Chat
- Module assessment

4 - Develop unit tests using GitHub Copilot tools

- Examine the unit testing tools and environment
- Create unit tests using the Generate Tests smart action
- Create unit tests using Inline Chat
- Create unit tests using Chat view modes
- Module assessment

5 - Implement code improvements using GitHub Copilot tools

- Review GitHub Copilot's code improvement features
- Examine GitHub Copilot's quick fix options
- Review code refactoring scenarios and GitHub Copilot best practices
- Refactor code using GitHub Copilot Inline Chat
- Refactor code using GitHub Copilot Chat modes
- Examine the GitHub Copilot code review features
- Module assessment

6 - Introduction to vibe coding

- What is vibe coding?
- Examine the vibe coding process
- Create effective prompts for GitHub Copilot
- Identify product requirements and coding guidelines
- Customize GitHub Copilot Chat responses
- Module assessment

□□ Certification Path

Microsoft Applied Skills: Get started with AI-assisted development

Exam: AZ-2007

Upcoming Schedule

Available training dates for AZ-2007 Accelerate app development by using GitHub Copilot:

Start Date	End Date	Location	Delivery	Price
24 Nov 2026	24 Nov 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for AZ-2007 Accelerate app development by using GitHub Copilot?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The AZ-2007 Accelerate app development by using GitHub Copilot course helps prepare you for the Microsoft Applied Skills: Get started with AI-assisted development certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AZ-2007 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AZ-2007 Accelerate app development by using GitHub Copilot course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AZ-2007 Accelerate app development by using GitHub Copilot training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AZ-2007 Accelerate app development by using GitHub Copilot?

Yes, we provide corporate training, dedicated training, and closed classes for AZ-2007 Accelerate app development by using GitHub Copilot. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for AZ-2007 Accelerate app development by using GitHub Copilot?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AZ-2007 Accelerate app development by using GitHub Copilot training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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