

## PROFESSIONAL COURSE OUTLINE

Microsoft

# GitHub Actions

GH-200

Learn how GitHub Actions enables you to automate your software development cycle. You'll learn how to plan automation of your software development life cycle with GitHub Actions workflows, use GitHub Actions to automatically build an application, and use GitHub Script to interact with the GitHub API.

Software Dev

Intermediate

Github

## PROGRAM CODE

GH-200

## DELIVERY

Virtual, On-site, or Hybrid

## DURATION

1 day

## CERTIFICATION

GitHub Actions

## AUDIENCE PROFILE

## Who This Program Is For

This course is intended for students who want to use GitHub to help developers and DevOps engineers build and deploy applications quickly. Additionally, students will discover which GitHub Actions features are available for their enterprise instance and learn how to use them.

## PROGRAM SUMMARY

## What This Course Covers

Candidates for this certification should have expertise in automating software development workflows with GitHub Actions.

## TAILORED DELIVERY

## Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

### Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

## COMPLETE MODULE SEQUENCE

## Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



### Plan the next session

We can tune this outline around your delivery goals and team mix.

## TALK TO US

 info@vnodeites.com +91 9419 11 4792 +91 9419 11 4792

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Wework, DLF Forum Infinity Tower C, Gurugram, INDIA

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## MODULE 1

**Automate your workflow with GitHub Actions Part 1 of 2**

Learn how GitHub Actions enables you to automate your software development cycle.

- Automate development tasks by using GitHub Actions
- Build continuous integration workflows by using GitHub Actions
- Build and deploy applications to Azure by using GitHub Actions
- Automate GitHub by using GitHub Script

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## MODULE 2

**Automate your workflow with GitHub Actions Part 2 of 2**

This is part two of a GitHub Action Learning Path. Learn how GitHub Actions enables you to automate your software development cycle.

- Leverage GitHub Actions to publish to GitHub Packages
- Create and publish custom GitHub actions
- Manage GitHub Actions in the enterprise

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