

PROFESSIONAL COURSE OUTLINE

Microsoft

GitHub Foundations

GH-900

GitHub

Foundations introduces you to the fundamental concepts, features, and products of GitHub. You'll discover the benefits of using GitHub as a collaborative platform and explore its core features, such as repository management, commits, branches, and merging. Through curated modules and hands-on exercises, you'll gain a solid understanding of GitHub's essential tools and be well-equipped to start contributing to projects and collaborating effectively within GitHub.

Software Dev

Beginner

GitHub

PROGRAM CODE

GH-900

DELIVERY

Virtual, On-site, or Hybrid

DURATION

2 days

CERTIFICATION

GitHub Foundations

AUDIENCE PROFILE

Who This Program Is For

This course is intended for students who want to understand and GitHub best practices. You will understand the fundamental features of GitHub, learn about repository management, gain an understanding of the GitHub flow, including branches, commits, and pull requests. Additionally, you will explore the collaborative features of GitHub by reviewing issues and discussions and be able to manage your GitHub notifications and subscriptions.

PROGRAM SUMMARY

What This Course Covers

Candidates for this exam should have foundational knowledge of GitHub and its core features.

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.

TRAINING PROVIDER

VNode ITeS

MICROSOFT CERTIFIED TRAINER

vnodeites.com

[linkedin.com/company/vnodeites](https://www.linkedin.com/company/vnodeites)

TALK TO US

 info@vnodeites.com

 +91 9419 11 4792

 +91 9419 11 4792

 +91 7780 81 1685

OFFICE

DLF Cyber City, Gurugram

Haryana — India

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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.

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MODULE 1

GitHub Foundations Part 1 of 2

The GitHub Foundations Learning Path Part 1 of 2 is a concise and beginner-friendly journey designed to introduce you to the fundamental concepts and products of GitHub.

- Introduction to Git
- Introduction to GitHub
- Introduction to GitHub's products
- Configure code scanning on GitHub
- Introduction to GitHub Copilot
- Code with GitHub Codespaces
- Manage your work with GitHub Projects
- Communicate effectively on GitHub using Markdown

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MODULE 2

GitHub Foundations Part 2 of 2

The GitHub Foundations Learning Path Part 2 of 2 is a concise and beginner-friendly journey designed to introduce you to the fundamental concepts and products of GitHub.

- Contribute to an open-source project on GitHub
- Manage an InnerSource program by using GitHub
- Maintain a secure repository by using GitHub best practices
- Introduction to GitHub administration
- Authenticate and authorize user identities on GitHub
- Manage repository changes by using pull requests on GitHub
- Search and organize repository history by using GitHub
- Using GitHub Copilot with Python

SCHEDULE A SESSION

Ready to run this program with your team?

Get in touch to discuss delivery format, timeline, and team size. This outline can be customised to your platform priorities and role mix.

[Book a Discovery Call](#)

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- 📞 +91 9419 11 4792
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