DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Github Copilot Advanced Training

Roll out GitHub Copilot across an organisation with policies, security controls, adoption metrics and standards, and use it for large modernisation work.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	48 topics · Foundation to Advanced
Hands-on labs	4 labs
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/github/github-copilot-advance-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Github Copilot course path, you will be able to:

1

Code faster with Copilot

Use completions, chat and edits to write, explain, test and document code efficiently.

2

Delegate work to agents

Drive agent mode, the coding agent and MCP tools with clear instructions and reviews.

3

Roll out Copilot safely

Govern, secure and measure Copilot adoption across teams and organisations.

WHAT THE ADVANCED LEVEL ADDS

Business rollout, governance, metrics and modernisation

Hands-on: Capstone: organisation Copilot rollout plan. Configure policies and content exclusions for a pilot organisation, modernise a legacy module with agents, and present adoption metrics and a rollout plan.

WHO SHOULD ATTEND

- Experienced Github Copilot practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Github Copilot solutions.
- Teams making Github Copilot an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Delegate multi-step work to agent mode and the coding agent, customise Copilot for your repository, extend it with MCP and keep output secure.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ADVANCED

Github Copilot Advanced Training agenda

48 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Setup, completions and first JavaScript and Python exercises

Included from Foundation

1. Introduction: course goals, using the slides and getting the exercise repo
2. What is GitHub Copilot: AI pair programming in the IDE, on GitHub.com, in the terminal and on mobile
3. Copilot plans: Copilot for Individuals versus Copilot for Business, today's Free, Pro, Pro+, Business and Enterprise
4. Installing Copilot: VS Code, Visual Studio, JetBrains IDEs and Neovim, signing in and the status indicator
5. Basic autocomplete: ghost text, accepting with Tab, accepting word by word and dismissing suggestions
6. Autocompletions panel: viewing alternative suggestions and next edit suggestions
7. Writing comments: describing intent in natural language to steer what Copilot generates
8. Working with GitHub Copilot: how open tabs, history and file names shape suggestions
9. Generating data: fixtures, mock records and output to YAML or JSON
10. Using GitHub Copilot with JavaScript: set up VS Code and update a JavaScript portfolio
11. Using GitHub Copilot with Python: set up VS Code and update a Python web API
12. Privacy basics: what is sent to the service, the public code matching filter and settings to review

DAY 2 — Essential: Copilot Chat, everyday coding, tests and reviews

Included from Essential

13. Using Copilot Chat: the chat panel, inline chat and quick chat in the editor
14. Chatting with Copilot: #file, #selection and #codebase context with /explain, /fix, /tests and /doc commands
15. Troubleshooting fixes: explaining error messages and stack traces and fixing failing terminal commands
16. Using Copilot on projects: multi-file changes with edit mode and a working set of files
17. Prompt crafting: specific goals, small steps, examples and constraints, then verifying the output
18. Unit tests: generating Jest or pytest tests, edge cases and mocks and running them
19. Refactoring and explaining legacy code: simplifying functions, renaming and extracting modules safely
20. Documentation: docstrings, inline comments, README sections and API usage notes
21. Commits and pull requests: generated commit messages and pull request summaries
22. Copilot code review: requesting AI review on pull requests and acting on comments
23. Model picker: choosing faster or stronger reasoning models for different tasks
24. Copilot on GitHub.com: asking about repositories, files and diffs in the browser

DAY 3 — Intermediate: Agent mode, customisation, MCP and secure use

Included from Intermediate

25. Agent mode in VS Code: multi-step tasks, tool and terminal approvals, checkpoints and undo
26. Custom instructions: .github/copilot-instructions.md and path-specific instruction files
27. Prompt files and custom chat modes: reusable task prompts for the team
28. MCP servers: configuring the GitHub MCP server and other tools with mcp.json and permissions
29. Copilot coding agent: assigning issues, setup steps for its environment and reviewing its pull requests
30. Copilot in the terminal: Copilot CLI for explaining and running shell tasks

31. Infrastructure and pipelines: Terraform, Dockerfiles, Kubernetes manifests and GitHub Actions workflows with Copilot
32. Test-first workflow: writing failing tests, letting Copilot implement and iterating to green
33. Debugging with Copilot: using debugger output, logs and traces to locate root causes
34. Secure use: reviewing for injection, hard-coded secrets and risky dependencies, Copilot Autofix for code scanning alerts
35. Limits and pitfalls: invented APIs, outdated libraries, context limits and when to stop and think
36. Licensing awareness: code referencing, matching public code and team rules for acceptance

DAYS 4-5 **Advanced: Business rollout, governance, metrics and modernisation** — New at this level

37. Introduction to GitHub Copilot for Business: about the offering, use cases and customer stories
38. Getting started with Copilot for Business: enabling organisations, assigning seats and first policies
39. Copilot Enterprise capabilities: Copilot Spaces, organisation custom instructions and knowledge sharing
40. Policies and administration: feature and model policies, content exclusion and premium request budgets
41. Security and compliance: data handling, IP indemnity, audit log events and network or proxy settings
42. Adoption metrics: Copilot usage metrics dashboards and API, active users, acceptance and engagement
43. Rollout playbook: pilot groups, champions, enablement sessions and secure coding guidelines
44. Engineering standards: shared instructions, prompt libraries, review checklists and labelling AI-assisted changes
45. Security programme: Copilot Autofix with code scanning, secret scanning and dependency review together
46. Modernisation at scale: framework upgrades, language migrations and test coverage uplift with agents
47. Knowledge check and summary: key concepts and takeaways
48. Capstone: a real-world business problem solved with Copilot and presented with prompts and lessons learned

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Extend two apps with Copilot

Install Copilot in VS Code, then add features to a JavaScript portfolio page and a Python web API using comments, completions and the suggestions panel.

ESSENTIAL

Fix, test and ship a change

Use Copilot Chat to diagnose a failing service, fix it across several files, generate tests and docs, and open a pull request reviewed by Copilot.

INTERMEDIATE

Agent-driven feature with guardrails

Add repository instructions and an MCP server, let agent mode build a feature with tests, then hand a follow-up issue to the coding agent and review its pull request.

ADVANCED

Capstone: organisation Copilot rollout plan

Configure policies and content exclusions for a pilot organisation, modernise a legacy module with agents, and present adoption metrics and a rollout plan.

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	All four Github Copilot levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR GITHUB COPILOT TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All levels of this course: www.devopsschool.com/courses/github/

ENROL OR RESERVE A SEAT
Github Copilot Advanced Training

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