

QA

BEGINNER

4 DAYS

Behavior Driven Development (BDD) with Specflow

Build a strong foundation in Behavior Driven Development using SpecFlow to improve collaboration, agility, and software quality. Learn how to write effective specifications and automate tests with SpecFlow to align development with business expectations.

Why Specflow?

Improved Collaboration

BDD with Specflow promotes collaboration between developers, testers, and business stakeholders, enabling them to work together towards a common goal.

Greater Agility

BDD with Specflow enables your team to respond quickly to changes in requirements or priorities, making it easier to adapt to changing market conditions or customer needs.

Increased Efficiency

By using BDD with Specflow, you can identify potential issues and address them early in the development process, saving time and reducing the cost of development.

What you'll be able to do

- ✓ Gain a solid understanding of the principles of BDD
- ✓ Understanding of the Specflow framework and its role in implementing BDD in their organization
- ✓ Learn how to write effective specifications that accurately reflect the desired behavior of the software being developed.
- ✓ Gain hands-on experience with automating tests using Specflow
- ✓ Learn how BDD with Specflow can help improve software quality
- ✓ Learn how BDD with Specflow can help teams be more agile and respond quickly to changing requirements or priorities.

Who this is for

- Developers
- Testers
- Business Analysts
- Product Owners
- Scrum Masters
- Project Managers
- Quality Assurance (QA) Engineers

Curriculum

01 BDD Foundations

- Apply bdd foundations using SpecFlow in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

02 SpecFlow Setup

- Apply specflow setup using SpecFlow in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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03 Gherkin Features

- Apply gherkin features using SpecFlow in practical test workflows
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04 Step Definitions

- Apply step definitions using SpecFlow in practical test workflows
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05 Data Tables and Hooks

- Apply data tables and hooks using SpecFlow in practical test workflows
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06 Living Documentation

- Apply living documentation using SpecFlow in practical test workflows
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07 Framework Structure

- Apply framework structure using SpecFlow in practical test workflows
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08 CI Integration

- Apply ci integration using SpecFlow in practical test workflows
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09 Reporting

- Apply reporting using SpecFlow in practical test workflows
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10 Maintenance

- Apply maintenance using SpecFlow in practical test workflows
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11 Best Practices

- Apply best practices using SpecFlow in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks