

QA

INTERMEDIATE

5 DAYS

Test Automation with Cypress

Build a strong foundation in test automation using Cypress by mastering its core concepts and setup. Learn how to write and debug tests, apply advanced Cypress features, and integrate automated testing into CI/CD pipelines for reliable end to end testing.

Why Cypress?

Cypress is a powerful and user-friendly testing framework that can provide significant benefits to businesses looking to improve their software development and testing processes.

Easy to use

Known for its intuitive and easy-to-use interface, Cypress is a great option for businesses looking to quickly onboard their development and testing teams

Faster testing

Cypress has been designed to be faster than other testing frameworks, thus helping businesses save time and resources in the testing process.

Reliable results

Cypress is known for providing reliable and accurate testing results, thus helping businesses avoid costly bugs and ensuring their applications are functioning as intended.

What you'll be able to do

- ✓ Gain a solid understanding of the basics of Cypress
- ✓ Learn how to setup and configure Cypress
- ✓ Learn how to write tests with Cypress
- ✓ Master the art of Debugging with Cypress
- ✓ Gaining insights on Continuous integration and deployment with Cypress
- ✓ Equipping yourself with the Advanced Cypress features

Who this is for

- Beginners in Cypress Automation Testing
- Test Automation Engineers
- Software Developers
- Quality Assurance Engineers
- DevOps Engineers
- Project Managers

Curriculum

01 Cypress Foundations

- Apply cypress foundations using Cypress 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 Project Setup

- Apply project setup using Cypress in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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03 Selectors and Commands

- Apply selectors and commands using Cypress in practical test workflows
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04 Assertions

- Apply assertions using Cypress in practical test workflows
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05 Network Stubbing

- Apply network stubbing using Cypress in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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06 Page Objects

- Apply page objects using Cypress in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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07 API Testing in Cypress

- Apply api testing in cypress using Cypress in practical test workflows
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08 Fixtures and Data

- Apply fixtures and data using Cypress in practical test workflows
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09 CI Reporting

- Apply ci reporting using Cypress in practical test workflows
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10 Flake Control

- Apply flake control using Cypress in practical test workflows
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11 Best Practices

- Apply best practices using Cypress in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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