

QA

INTERMEDIATE

4 DAYS

API Testing with Postman

Build a strong foundation in API testing and automation using Postman, from core API concepts to automated test execution. Learn how to design, manage, script, and report API test suites while integrating Postman into modern development and delivery workflows.

Why Postman?

Streamline API testing

Postman provides an intuitive and easy-to-use interface for testing APIs. This can help save time and increase the efficiency of the development and testing teams.

Improve software quality

By performing comprehensive and automated API testing using Postman, your business can identify and fix issues before they make their way into production.

Boost developer productivity

Postman allows developers to test their APIs in real-time, providing instant feedback on the functionality and performance of their code. This can help improve developer productivity.

What you'll be able to do

- ✓ Get introduced to the fundamentals of API testing
- ✓ Get trained on how to use the Postman tool to create, manage, and execute API tests
- ✓ Learn how to use Postman to automate API testing and integrate it with other tools and technologies
- ✓ Learn how to create and manage API test suites in Postman
- ✓ Learn how to write and execute API test scripts using Postman
- ✓ Learn how to analyze and report API test results using Postman

Who this is for

- Software developers
- DevOps engineers
- Quality assurance (QA) engineers
- API product managers
- IT professionals

Curriculum

01 API Testing Foundations

- Apply api testing foundations using Postman 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 Tool Setup

- Apply tool setup using Postman in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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03 Auth and Security

- Apply auth and security using Postman in practical test workflows
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04 Request/Response Validation

- Apply request/response validation using Postman in practical test workflows
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05 Data-Driven Tests

- Apply data-driven tests using Postman in practical test workflows
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06 Suites and Reuse

- Apply suites and reuse using Postman in practical test workflows
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07 Contract Testing

- Apply contract testing using Postman in practical test workflows
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08 CI/CD Integration

- Apply ci/cd integration using Postman in practical test workflows
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09 Reporting and Debugging

- Apply reporting and debugging using Postman in practical test workflows
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10 Framework Design

- Apply framework design using Postman in practical test workflows
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11 Best Practices and Case Studies

- Apply best practices and case studies using Postman in practical test workflows
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