



Skillup Bharat

Training | Placements | Outsourcing

AUTOMATION TESTING

(Manual And Automation)



ABOUT COMPANY

SkillUp Bharat is a leading platform that offers technical and non-technical courses designed to prepare students for industry challenges.

We provide internships, hands-on training, and placement opportunities, ensuring learners gain practical experience through real-time projects. Our programs focus on enhancing both technical and soft skills, making students job-ready.

WHY TO CHOOSE US!

- 1. Industry-Relevant Courses**
- 2. Hands-On Internships**
- 3. Real-Time Project Experience**
- 4. Placement Support**

Automation Testing Syllabus

Irrespective of their domain

Description :

Skillup Bharat offers a comprehensive Automation Testing training program designed to equip learners with the essential skills and knowledge required in the field of software testing. This course focuses on automating the testing processes to enhance efficiency and accuracy, reducing the need for manual testing and ensuring faster delivery of high-quality software products.

The syllabus is structured to provide a balance of theoretical knowledge and hands-on experience. Students are introduced to core concepts of software testing, including test case design, test execution, and bug reporting. From there, they delve into automation-specific topics such as scripting, test automation frameworks, and continuous integration (CI) practices.

Additionally, the course is designed to cater to a wide range of learners, from beginners looking to enter the testing domain to experienced professionals aiming to upgrade their skills. With expert trainers and access to industry-standard tools, Skillup Bharat ensures that participants are well-prepared for certification exams and job placements in top companies. Upon completion, learners are not only proficient in automation testing but also capable of designing, executing, and maintaining automated test cases independently.

Expectations and Goals

By the end of this course, students will be able to:

- Proficiency in Automation Tools
- Understanding of Automation Frameworks
- Ability to Automate End-to-End Testing
- Mastery of Scripting Languages
- Testing Across Different Platforms
- In-Depth Knowledge of Continuous Integration (CI) Tools
- Build Job-Ready Skills
- Certifications and Career Advancement
- Develop Problem-Solving Skills
- Create Robust, Maintainable Automated Test Suites
- Real-World Project Experience

Complete Automation Testing Study Plan 2024

Course Syllabus:

1. Introduction to Software Testing

- Understanding roles in a software development team
- Overview of software development process
- Basic concepts of software testing
- Introduction to test scenario writing

2. Test Case Writing and Execution

- Writing test cases
- Using Zephyr Scale for test case writing
- Test execution and bug reporting

3.API Testing

- API testing concepts
- API testing using Postman
- Practical project using Postman Trello API

4.Black Box Testing and Agile Basics

- Continuation of test scenario writing
- Black box testing techniques
- Basics of Agile methodology and Agile testing

5.Advanced Agile and Mobile Testing

- Advanced Agile testing
- Using Jira for Agile testing
- Basics of mobile testing

6.Performance Testing

- **Introduction to performance testing**
- **Performance testing using JMeter**
- **Advanced performance testing techniques using JMeter**

7.Rest Week

8.Selenium and Java for Testers

- **Introduction to Selenium WebDriver**
- **Java programming fundamentals for software testers**
- **Techniques for element location in Selenium**

9.Rest Week

10. Advanced Test Management and Automation

- Managing tests using TestNG
- Codeless test automation with Selenium IDE
- Test automation with Katalon Studio

11. SQL and Test Automation with Playwright

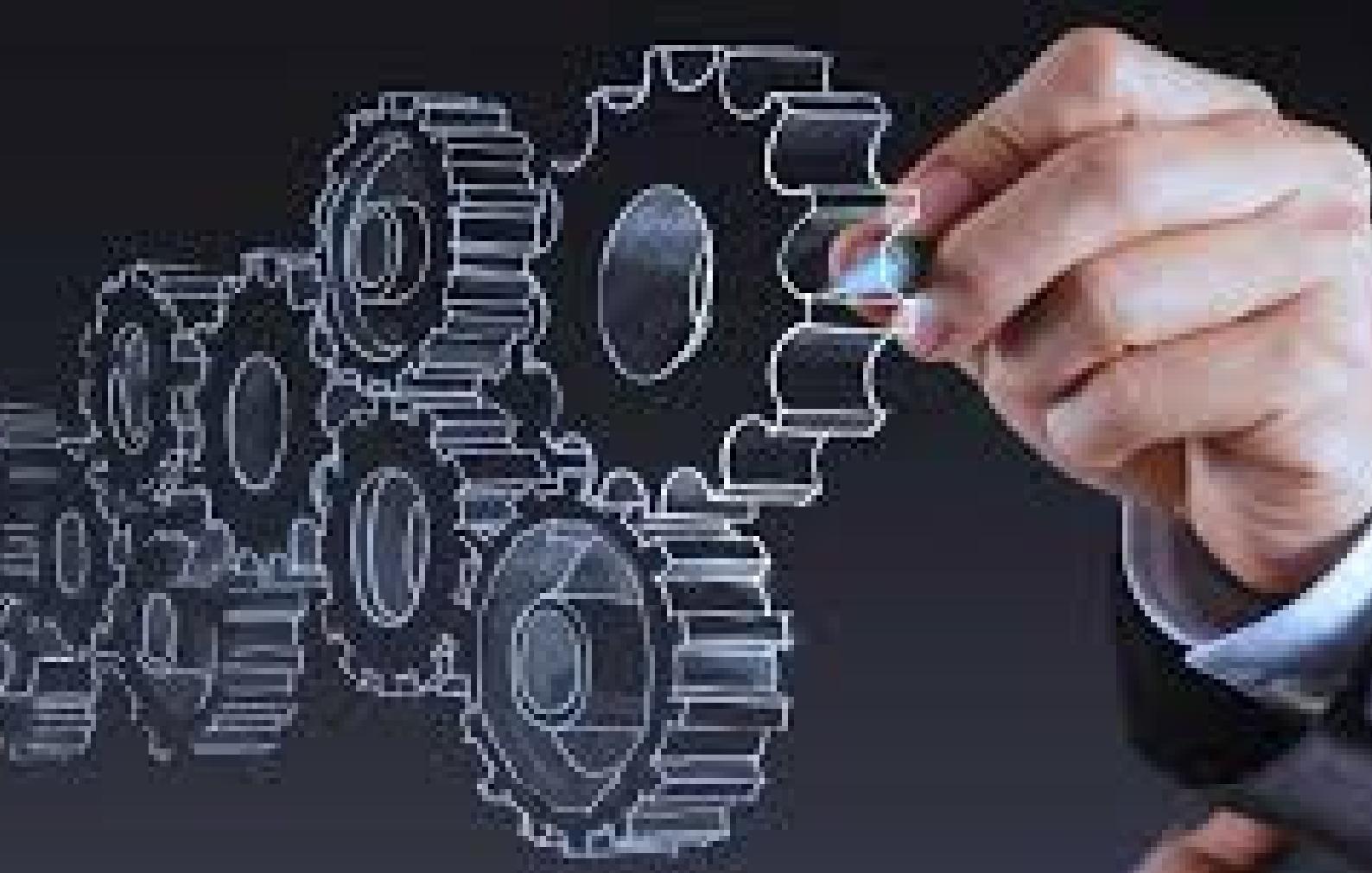
- SQL for testers
- Test automation using Playwright

12. Advanced Test Automation Techniques

- Test automation using the Robot Framework
- Introduction to white box testing techniques

13.Certification and Career Preparation

- How to become a certified software tester
- Writing a professional CV for software testing roles



CONTACT US!



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THANK YOU

Master New Skills, Unlock
New Opportunities!