

WWW.VIJAYKUMARCHIRUTHA.COM

**VIJAY KUMAR CHIRUTHA
SOFTWARE COURSES**



www.vijaykumarchirutha.com

**VIJAY KUMAR CHIRUTHA
SOFTWARE COURSES**

Educating The World

81431 86860

MODULE 1: INTRODUCTION TO PLAYWRIGHT

- Overview of Playwright and its advantages
- Comparison with Selenium, Cypress, and Puppeteer
- Understanding Playwright architecture
- Supported browsers: Chromium, Firefox, WebKit
- Installation of Playwright

MODULE 3: LOCATORS AND SELECTORS

- Understanding locators in Playwright
- CSS selectors, XPath selectors
- Playwright built-in selector strategies
- Locator methods: getByText, getByRole, getByLabel
- Handling dynamic elements

MODULE 2: GETTING STARTED WITH PLAYWRIGHT

- Setting up Node.js and npm
- Creating your first Playwright project
- Playwright CLI basics
- Understanding browser, context, and page
- Running tests in different browsers

MODULE 4: PLAYWRIGHT TEST AUTOMATION BASICS

- Writing test scripts with Playwright
- Test structure: describe, test, beforeAll, afterAll
- Assertions and expect API
- Handling multiple test cases
- Running tests in parallel

MODULE 5: HANDLING WEB ELEMENTS

- Working with text boxes, buttons, links, checkboxes, radio buttons
- Dropdowns & multi-selects
- File uploads & downloads
- Handling alerts, pop-ups, modals
- Handling frames and iframes

MODULE 7: DATA-DRIVEN TESTING

- Using test data from JSON, CSV, and Excel
- Parameterization of test scripts
- Using fixtures in Playwright
- Creating reusable test components

MODULE 6: PLAYWRIGHT ADVANCED FEATURES

- Handling dynamic web pages & waits
- Handling network requests & responses
- Handling cookies and local storage
- Screenshot & video capture during tests
- Browser context isolation & multiple tabs

MODULE 8: API TESTING WITH PLAYWRIGHT

- Introduction to API testing
- Sending HTTP requests using Playwright
- Validating responses and JSON schema
- Chaining API requests with UI tests

MODULE 9: REPORTING & DEBUGGING

- Playwright Test Reporter
- Generating HTML and JSON reports
- Debugging tests using Playwright Inspector
- Console logs & screenshots for debugging
- Test retries and handling flaky tests

MODULE 11: SAMPLE REAL-TIME PROJECTS

- E-commerce website automation project
- Login & registration functionality testing
- Form submission & validation testing
- API and UI integrated testing
- End-to-end test automation scenario

MODULE 10: CONTINUOUS INTEGRATION WITH PLAYWRIGHT

- Integrating Playwright with CI/CD pipelines
- GitHub Actions, Jenkins, GitLab pipelines
- Running tests on headless browsers in CI
- Parallel test execution in CI environment

MODULE 12: INTERVIEW PREPARATION & CAREER GUIDANCE

- Common Playwright interview questions
- Scenario-based exercises
- Best practices for automation testing
- Resume & portfolio guidance



www.vijaykumarchirutha.com

VIJAY KUMAR CHIRUTHA
SOFTWARE COURSES

Educating The World

81431 86860

OUR SERVICE

WE ARE PROVIDING MULTIPLE SOFTWARE COURSES

- DATA SCIENCE WITH AI
- DATA ANALYTICS WITH AI
- DATA ANALYST AND BUSINESS ANALYST WITH AI
- MANUAL TESTING AND SELENIUM WITH AI
- PYTHON FULL STACK WITH AI
- JAVA FULL STACK WITH AI
- DIGITAL MARKETING WITH AI
- TABLEAU + SQL WITH AI
- ORACLE, SQL, MYSQL
- EXCEL AND ADVANCED EXCEL WITH AI
- SAP [ALL MODULES]
- SALESFORCE
- GEN AI
- CYBER SECURITY WITH AI
- VIDEO EDITING COURSE
- SERVICE NOW
- MULESOFT
- AWS/AZURE DEVOPS
- MS OFFICE
- POWER APPS

WWW.VIJAYKUMARCHIRUTHA.COM

About US

- We are Providing the Software Courses for both Online and Offline
- We have well Experienced and Real Time Trainers
- We give the best content to cover all your course syllabus and its practical knowledge
- We give 2 to 3 Assignments to our students which helps the more interactivity with course and its practical real time scenario knowledge
- We explains the 2 to 3 projects and letting the students to know to how to do real time projects once they get selected



www.vijaykumarchirutha.com

VIJAY KUMAR CHIRUTHA

SOFTWARE COURSES

Educating The World

81431 86860

WWW.VIJAYKUMARCHIRUTHA.COM

THANK YOU SO MUCH

CONTACT US

+91 - 81431 86860

WWW.VIJAYKUMARCHIRUTHA.COM

HYDERABAD



www.vijaykumarchirutha.com

VIJAY KUMAR CHIRUTHA
SOFTWARE COURSES

Educating The World

81431 86860