



# LiveTech

Since 2004



# PLAYWRIGHT



## Best Training and Placements Institute



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## About LiveTech

LiveTech was founded in 2004 by IT industry professionals to impart quality training and carve a niche in the IT training industry. LiveTech has successfully skilled 100000+ professionals in Software Testing and Development Domain. LiveTech is involved in training on Software Courses for over 21+ years. LiveTech is a leader in creating not only skilled professionals but also enhance their Employability through real time project implementation Training in Software Testing and Development. The programs are designed by Industry experts and backed by certifications recognized globally in I.T Solutions.

## Playwright

**Module 1 : TypeScript introduction:**

**Module 2 : Exception Handling**

**Module 3 : Object Oriented Programming**

**Module 4 : Element Identification**

**Module 5 : Project Integration With Git**

## Playwright

### **TypeScript introduction:**

- 1) TypeScript Introduction
- 2) Install Node.js & Visual Studio for setting up Playwright Environment
- 3) What are the Features of TypeScript

### **Handling typescript inbuilt keywords, variables, methods**

- 1) How to use the TypeScript Type (Static, Built-in, user-defined)
- 2) How to create Variables and initialize value to it
- 3) What is Let, var and const and how to use it
- 4) How to use Operators
- 5) How to declare and use Arrays
- 6) Strings and String methods
- 7) How to collections like Tuples and Union
- 8) What is Type Annotation and how to use it
- 9) Decision Making (if, if-else, nested-if, if-else-if, switch)
- 10) Loops (indefinite (while and do-while) and definite (for, for of and for in, for each))
- 11) Access and Non-Access Modifiers



- 12) How to use different types of Inheritance
- 13) How to declare a Class and how to store data in it
- 14) How to achieve Interface
- 15) What is Overloading with examples
- 16) How to create Config file and to add all the dependencies related to playwright project

## **Playwright Introduction and Installation:**

- 1) Playwright Introduction and Playwright Installation
- 2) Create npm project and install all playwright dependencies for testing
- 3) Importance of playwright and how to execute playwright script in both Run and debug mode
- 4) What is page, browser context and how to execute the playwright code in cross browser testing using chrome and Firefox browsers

## **Handling web elements using playwright:**

- 1) What are all the Locators & Selectors and how to use locators on every web element on the application
- 2) How to extract single and multiple web elements in playwright
- 3) What are all the Methods is available in playwright along with selenium methods
- 4) Wait mechanism by using await

- and different wait methods
- 5) How to click and web element and how to extract the text using playwright
- 6) How to generate report and how to store it
- 7) Handling Click action on Check box and Radio button, buttons, elements
- 8) How to verify Element State
- 9) How to perform Mouse Events

## **Handling waits using playwright:**

- 1) How to handle both static and dynamic web element using playwright

## **Handling windows and Frames, Alerts, web tables and web calendars using playwright:**

- 1) Handling child and parent windows using playwright
- 2) Handling child and parent frames using playwright
- 3) Handling Web Table and Web table.
- 4) Handling Alert popups using playwright
- 5) How to create web elements using page Object Model

## **To perform parallel and cross browser testing:**

1) Parallel and Cross Browser Testing

### Handling Asserts in playwright:

2) Validations by using both hard and soft Assertions

3) What are hooks in Playwright and what benefit of hooks

4) How to use different Types of hooks in playwright

5) When to use Before/After and Before/After

### Handling Screenshots using playwright:

1) How to create Full page screen shots using playwright

### Project Integration with Git

1) Project source code integration with Git

Interview Questions and Answers  
Resume Preparation

2) Jenkins

## BDD Cucumber Frameworks

Cucumber gherkin language

Cucumber keywords

Cucumber execution with single set of data and multiple set of data using feature file and Json file

Cucumber hooks

Cucumber.json file

Parallel execution using cucumber Json file

Cucumber reports

Cucumber framework

How to integrate playwright with cucumber

Execution of cucumber scenarios using with feature files and terminal

Generate dynamic step definition files using cucumber













































Integrate cucumber bdd framework with git

<b>Faculty</b>	:	.....
<b>Date</b>	:	.....
<b>Time</b>	:	.....
<b>Duration</b>	:	.....
<b>Fee</b>	:	.....
<b>Comments</b>	:	.....

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3-Months



### Full Stack **JAVA**

Java Developer

4-Months



### Full Stack **PYTHON**

Python Developer

3-Months

## Training Methodology

### Class room Training



### Project Training



### Resume Preparation



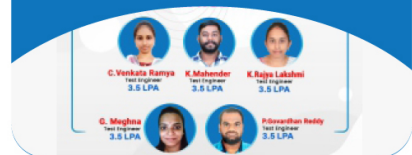
### Certification



### Interview Preparation



### Placement Assistance



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