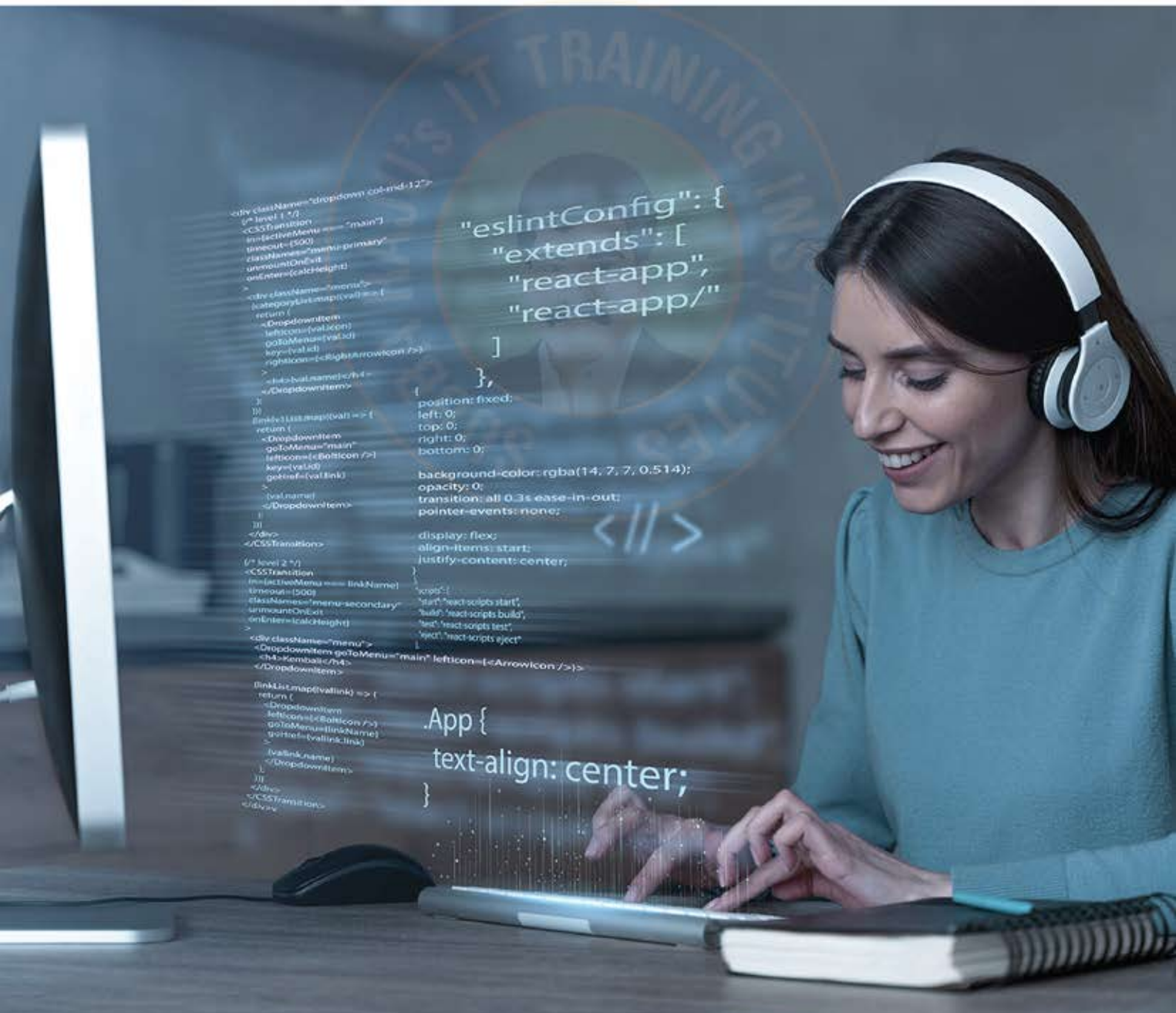




Software Project Automation Testing (SELENIUM-PYTHON) Online Training with Banking/Insurance/e-Commerce Projects as per Selenium Certification Standards..!!





MEET OUR CERTIFIED MENTOR

Mr. **SUBBA RAJU KORASEEKA**



Mr. Subba Raju Koraseeka has more than 21+ years of experience in the Software Industry as real time employee, trainer and mentor in various reputed organizations worked in various domains and projects. He is a certified professional in Testing, Python and Data Science and leading online trainer in HYDERABAD. He is giving real time

scenarios and live hands on projects development and testing.

Mr. Subba Raju and his team have started Hyderabad's first and dedicated QA Training Hub, which offers end-to-end Testing Training. Aspirants seeking a career in Testing can register for QA Training Hub's Software Testing courses: Manual Testing, Test Automation, Selenium, Database Testing, Protocol Testing, Cloud Testing, Pega Testing.

Mr. Subba Raju and his team of trainers offer world-class, high quality and affordable software testing training courses to aspirants seeking a career in software testing. Together, the team has trained more than 210 batches of trainees on 14 plus technologies. The testing training programs are classroom based, eLearning based and corporate training based on Selenium, Python, Full-stack-Python, Core-Java, Full-stack-Data-Science QA, and Web Technologies.



Mission

To provide flexibility, convenience and competency by offering testing training through, online & corporate training method.

Vision

To offer the best, accessible and affordable testing training programs to IT aspirants and professionals in India, US, Canada, UK, Australia and Arabic countries.

WE AIM TO ACHIEVE?

- ✓ To make testing training and testing education accessible, and affordable to all.
- ✓ To bridge the gap between demand and supply of software testing professionals in the IT industry, India and abroad.
- ✓ To offer the best-in-the-class and affordable software testing training programs.
- ✓ To relay and share the testing knowledge gained by the trainers during their work on testing projects across platforms and software.
- ✓ To create, nurture and strengthen software testing training in India and abroad.
- ✓ To promote discussion and debate on all issues relating to testing, theory and practice.
- ✓ To foster a community of testers, local, national and international for mutual benefit and progress.
- ✓ To seek and publish jobs and opportunities in the domain of software testing and testing training.
- ✓ To establish a benchmark for quality testing training



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Module 1: Introduction to Test Automation & Selenium

- ✓ What is Manual Testing? Pros and Cons
- ✓ How Automation Testing challenges Manual Testing?
- ✓ Automation tool work process?
- ✓ Role of programming in test automation
- ✓ What is Selenium? Pros and Cons
- ✓ What are the components of Selenium?
- ✓ Architecture of SELENIUM



Module 2: Essentials components of Python for Selenium

- ✓ Pycharm and Atom IDEs Environment setup
- ✓ Working on Python Basic Logical programs
- ✓ Python Variables, Data Types and Python Operators
- ✓ Conditional Controls Statements - if, if else, switch case
- ✓ Looping Control Statements – for, while, do while
- ✓ Jumping statement – break and continue
- ✓ Python Arrays
- ✓ Python String Class



Module 3: Python Data Structures or Collections

- ✓ SET
- ✓ TUPLE
- ✓ FROZENSET
- ✓ DICTIONARY



Python Data Structures

Module 4: Python Functions

- ✓ What is Function?
- ✓ Types of Functions
- ✓ Significance of Indentation (Space) in Python
- ✓ How Function Return Value?
- ✓ Arguments in Functions
- ✓ Rules to define a function in Python
- ✓ Various Forms of Function Arguments
- ✓ Scope and Lifetime of variables
- ✓ Nested Functions
- ✓ Anonymous Functions/Lambda functions
- ✓ map() function
- ✓ filter() function
- ✓ reduce() function



Module 5: Reading and Writing Files

- ✓ File Objects
- ✓ File Different Modes
- ✓ Working with CSV files
- ✓ Working with CSV Module



Module 6: Python Exception Handling

- ✓ Python Errors
- ✓ Common RunTime Errors in PYTHON
- ✓ Abnormal termination
- ✓ Chain of importance Of Exception
- ✓ Exception Handling
- ✓ Try ... Except
- ✓ Try .. Except .. else
- ✓ Try ... finally
- ✓ Argument of an Exception
- ✓ Assertions



Module 7: Python RE module

- ✓ Python Regular Expressions
- ✓ Regular Expression Syntax
- ✓ Understanding Regular Expressions
- ✓ Regular Expression Patterns
- ✓ Using regular expression methods
- ✓ Using re.match()
- ✓ Finding Pattern in Text (re.search())
- ✓ Using re.findall for text



Module 8: Python Programming OOPs

- ✓ What is OOPs?
- ✓ Class & Object
- ✓ Methods in Python
- ✓ Ways to initialize object
- ✓ Constructors
 - ▶ Single Level Inheritance
 - ▶ Multi-Level Inheritance
 - ▶ Multiple Inheritance
 - ▶ Hierarchical Inheritance
 - ▶ Hybrid Inheritance
- ✓ Polymorphism
 - ▶ Dynamic Polymorphism
 - ▶ Static Polymorphism
- ✓ Encapsulation
- ✓ Abstraction
- ✓ super keyword
- ✓ Packages
- ✓ Access Modifiers
- ✓ Exceptions in PYTHON
- ✓ PDBC
- ✓ Interview Questions



Module 9: PYTHON SELENIUM WEBDRIVER

- ✓ Installation and Configs
- ✓ Introduction to Web-Driver API
- ✓ Downloading Selenium server
- ✓ Web-Driver Manager
- ✓ What is Web-driver manager?
- ✓ Use of Web-driver manager
- ✓ How to use Web-driver manager?



Module 10: Web Elements Locators

- ✓ How to find Web Elements Locators in Selenium Python
- ✓ Locating by Id
- ✓ Locating by Name
- ✓ Locating by XPath
- ✓ Locating Hyperlinks by Link Text
- ✓ Locating Elements by Tag Name
- ✓ Locating Elements by Class Name
- ✓ Locating Elements by CSS Selectors
- ✓ CSS Selectors - Advanced Locators
- ✓ Using Ids With CSS Selectors To Find Elements
- ✓ How To Use Multiple CSS Classes To Find Elements
- ✓ Using Wildcards With CSS Selectors
- ✓ How To Find Child Nodes Using CSS Selectors



Module 11: Xpath – Advanced Locators

- ✓ Difference Between Absolute And Relative Xpath
- ✓ How to Build An Effective Xpath
- ✓ Using Text To Build An Effective Xpath
- ✓ Build Xpath Using Contains Keyword
- ✓ Build Xpath Using Starts-With Keyword
- ✓ How To Find Parent and Sibling Nodes



Module 12: WebDriver Scenarios

- ✓ Selenium WebDriver -> Working With Web Elements
- ✓ Browser Interactions Introduction
- ✓ How To Click And Type On A Web Element
- ✓ How To Work With Hidden Elements
- ✓ Working With Hidden Elements - Practical Example
- ✓ Working With Elements List
- ✓ Understanding Dropdown Elements
- ✓ Working With A Dropdown
- ✓ Working With Navigational commands
- ✓ Working with Conditional commands
- ✓ Handling Implicit Wait
- ✓ Handling Explicit Wait
- ✓ Working with Links
- ✓ Handling Alerts/Popups
- ✓ Handling Frames/Iframes
- ✓ Handling Different browser Windows
- ✓ Handling Web Tables
- ✓ Scroll the Webpage
- ✓ Handling Actions
- ✓ Upload a file
- ✓ Download a File using Chrome Browser
- ✓ Radio Buttons And Checkboxes
- ✓ Capture Screenshot
- ✓ Working With Log File
- ✓ Explicit Waits
- ✓ Implicit-Waits



Module 13: Excel

- ✓ How to read data from excel
- ✓ Write Data into Excel
- ✓ Data driven Testing Using Excel



Module 14: Logging Infrastructure

- ✓ Introduction To Logging Infrastructure
- ✓ Changing The Format Of Logs
- ✓ Logger - Console Example
- ✓ Logger - Configuration File Example
- ✓ Unit test Infrastructure
- ✓ Unit test Introduction
- ✓ Writing First Test Case
- ✓ How To Implement Class Level
- ✓ Setup And TearDown Methods
- ✓ How To Assert A Test Method



Module 15-PyTest - Advanced Testing Framework

- ✓ Pytest Installation And First Script
- ✓ Pytest Naming Conventions
- ✓ How To Work With PyTest Fixtures
- ✓ Pytest Fixture Update
- ✓ Multiple Ways To Run Test Cases
- ✓ Conftest → Common Fixtures To Multiple Modules
- ✓ How To Maintain Run Order Of Tests
- ✓ Running Tests Based On Command Line Arguments
- ✓ Structure Tests In A Test Class
- ✓ How To Return A Value From Fixtures
- ✓ Install PyTest HTML Plugin
- ✓ How To Generate HTML Test Report
- ✓ How to install and create Allure Reports



Automation Life Cycle

- ✓ What is a Framework?
- ✓ Types of Frameworks
- ✓ How to implement Data Driven framework
- ✓ Real Time framework implementation
- ✓ How to implement Hybrid framework





Module 16: More about Placements***

- ✓ Resume preparation
- ✓ Mock Interviews
- ✓ Interview Tips & Tricks
- ✓ How to fill academic and professional gap
- ✓ Placement Assistance **
- ✓ Cracking Interview

Our Trainees are successfully placed in



What people say



"He understood my testing training needs, and suggested a custom online training program. The fee was very nominal, when compared to other testing training institutions. I am half way on my completion of the SAP Testing program, and hope to complete the program this Summer end. I sincerely acknowledge the ready-to-help nature of the knowledgeable staff there. I wish the best to Dinesh sir and the staff of QA Training Hub."

Sheetal - Mumbai West, Maharashtra - ★★★★★



"I started Googling for testing trainers in different metros of India. I found QA Training Hub, which is based in Hyderabad. Wonderfully, they were offering online programs in testing tools. I suggested to my daughter to give a try, she did promptly. It was really unexpected for her and me. In the first session itself, which was more in the nature of a demo, her doubts and questions were answered by Dineshji. He and his trainers are the best lot, my daughter says. It is nice that we got a good institution and a knowledgeable teacher to guide my daughter in testing tools. Best wishes to the team at QA Training Hub."

Dr Ravi - New Mogul Apartments, Lucknow (Main) UP - ★★★★★



"We met him at their Hyderabad premises, he noted our testing needs and their critical role in achieving project completion. He made an evaluation of our testing process, and the competencies of our testing staff. He suggested us a custom corporate training program, which was to be held in-house. Dinesh was very kind enough to visit the premises and train our staff in the details of testing tools. Now, our staff is much better than they were before. We wish Dinesh and his team at QA Training Hub the very best in all their testing training endeavours."

Rajesh - Ven Star Solutions Pvt Ltd, Bangalore, Karnataka - ★★★★★



"I am extremely impressed with your training classes. I spent more money on books which just confused me more. Just wanted to tell you how invaluable your training have been to me in conjunction with my other programming courses ... Best money EVER spent. Moving from Silk Test to QTP environment and your training class have been a HUGE help. Thanks so much for being such a big part of my current and future success!!!"

Vikram - CA, USA - ★★★★★



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