![GSDC logo - Global Skill Development Council]

Certified Selenium Testing Professional (CSTP)

Global Certification Program

✓ Globally lifetime Valid Certification

✓ Access to exclusive resources, boot camps, and summits

✓ AI based Roleplay & Simulations

✓ Two Exam Attempts

An Overview

what you can expect from this program

The GSDC Certified Selenium Testing Professional (CSTP) Certification is a globally recognized credential that validates your expertise in Selenium WebDriver, one of the most crucial automation testing technologies in the software domain. This certification is designed for testers seeking to demonstrate their proficiency in designing, implementing, and maintaining automated testing solutions using Selenium.

As an open-source tool, Selenium is widely adopted for web application testing, making this certification highly valuable. The CSTP certification exam assesses a candidate's ability to leverage Selenium WebDriver, and Selenium Grid, and integrate with other testing tools, ensuring they can meet the evolving demands of software quality assurance and DevOps environments.

With a growing need for efficient and reliable test automation, the CSTP certification stands as a benchmark of practical skills, enabling professionals to accelerate their careers, enhance test automation strategies, and contribute to high-quality software delivery.

	Type	Online self-paced learning, Mocks
	Language	English (including subtitles)
	Access	12 months
	AI based Role play	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion (2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

GSDC Introduction

Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications.
With a diverse portfolio of over 100+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 50,000 professionals.

Partnered with 50+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

Join us today and let your skills soar to new heights!

Introduction

Certified Selenium Testing Professional (CSTP)

The GSDC Certified Selenium Testing Professional (CSTP) Certification is a recognized certification for testers to showcase their skills specifically in Selenium WebDriver. This selenium certification verifies one's expertise in one of the most important technologies employed in the software domain.

Given that Selenium is an open-source tool, organizations widely use it for web application testing, which makes this Selenium testing certification highly demanded in today's job market.

The Selenium certification exam of GSDC focuses on the candidate's capacity to implement Selenium WebDriver for designing and maintaining automated testing solutions.

The CSTP certification proves the pure practical skills that one can apply on the job. There is a growing need for better and more reliable automation testing and thus, having this selenium certification is valuable to boost that professional's career and contribute more to the DevOps.

Even concepts like Selenium Grid and integration with other tools are also included in the selenium testing certification to add weight to the importance of selenium in this constantly changing environment of software quality assurance.

Learning Objective

❑ Master Selenium WebDriver for automation testing.

❑ Develop skills in designing automated test solutions.

❑ Apply practical skills in real-world scenarios

❑ Utilize Selenium Grid for distributed testing.

❑ Integrate Selenium with other DevOps tools.

❑ Enhance reliability in web application testing.

❑ Address evolving needs in software quality assurance.

OBJECTIVE OF CERTIFIED SELENIUM TESTING PROFESSIONAL (CSTP)

Curriculum

1.Introduction to Selenium:
•Overview of Selenium
•History and Evolution
•Components of Selenium
•Advantages and Disadvantages
•Selenium vs. Other Testing Tools
•Installing Selenium
•Configuring Browsers

2.Selenium WebDriver Basics:
•WebDriver Overview and Architecture
•Browser Drivers (ChromeDriver, GeckoDriver, etc.)
•Locating Elements (By ID, Name, CSS Selector, XPath)
•Basic Operations (Opening URLs, Clicking, Typing)
•Handling Forms
•Debugging WebDriver Scripts
•Browser Navigation Commands

3.Advanced Selenium WebDriver:
•Advanced User Interactions (Dropdowns, Sliders, Drag-and-Drop)
•Handling Alerts and Pop-ups
•Working with Frames and IFrames
•Synchronization Techniques (Implicit, Explicit, Fluent Wait)
•Handling Multiple Windows and Tabs
•Capturing Screenshots
•Using JavaScript Executor

4.Test Automation Frameworks:
•Introduction to Test Automation Frameworks
•Types of Frameworks (Data-Driven, Keyword-Driven, Hybrid)
•Building a Test Automation Framework
•Integrating Framework with Selenium
•Setting up TestNG Framework
•Creating and Running TestNG Tests
•Generating Test Reports with TestNG

5.Selenium Grid:
•Introduction to Selenium Grid
•Architecture of Selenium Grid
•Setting up Selenium Grid
•Hub and Node Configuration
•Running Tests on Remote Machines
•Parallel Test Execution
•Cross-Browser Testing

6.Page Object Model (POM) and Data-Driven Testing:
Introduction to Page Object Model (POM)
•Implementing POM in Selenium
•Advantages of POM
•Creating Page Classes
•Maintaining Test Scripts
•Introduction to Data-Driven Testing
•Parameterization using TestNG

7.Continuous Integration and Best Practices:
•Introduction to Continuous Integration (CI)
•Setting up Jenkins for Selenium
•Integrating Selenium Tests with Jenkins
•Configuring Jenkins Jobs for Automated Testing
•Reporting and Analyzing Test Results
•Best Practices in Selenium Automation
•Handling Dynamic Web Elements

Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.

Expert Created Learning Material
Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.

Access to Global Conferences
Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.

Speaker invites @ GSDC Webinar Series
Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.

Downloadable Resources
Get access to templates and reference documents which will help you to do your day to day tasks easier.

Certificate Upgrades
Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.

Newsletters, blogs with industry insights
Get newsletters, announcements and articles curated by experts direct to your inbox.

AI Based Role Play
Learn to implement applicability of knowledge with real life simulation based games.

What You Get In this Certification Program?

- Engaging digital learning videos

- Exclusive access to Global thought leader sessions & case studies

- Downloadable and implementable resources to support practical application

- Two mock exams with unlimited attempts for comprehensive preparation

- Certification exam voucher with 1-year validity

- Two attempts for certification exam

What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.

Global Skill Development Council - GSDC
Reviews 178 • Excellent
★★★★☆ 4.7 ⓘ
✓ VERIFIED COMPANY

chandrasekaran j
2 reviews ⊚ IN
★★★★★
Jul 18, 2023

I had a experience with GSDC with their...
I had a experience with GSDC with their SRE course and it was very good. The speakers were very knowledgeable and kept it very interactive . Thanks the GSDC team for this !

Date of experience: April 13, 2023

👍 Useful   ⤳ Share

Tosin Olaniyi
1 review ⊚ NG
★★★★★
Jul 11, 2023

The learning portal was so seamless
The learning portal was so seamless, and user friendly. The course are so detailed, easy to understand, great lecturers. Safe to say the best learning platform I've used so far. I would recommend learning from GSDC to anyone. You sure will get a value for your money.

Date of experience: July 08, 2023

👍 Useful   ⤳ Share

Majid
1 review ⊚ IN
★★★★★
Sep 25, 2023

GSDC has been doing a great job in making learners gain knowledge!
GSDC has been doing a great job in making the learners find right opportunities to gain knowledge for business! These two days were filled with knowledge and insights!

Date of experience: September 25, 2023

👍 Useful   ⤳ Share

Amani
1 review ⊚ AE
★★★★★
Aug 15, 2023

Certified Learning & Development Professional CLDP
I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Ruguozeno, for her dedication, responsiveness, and constant support throughout this learning journey. And very special thanks to the amazing trainer and coach Deepak Sharma for the great weekly live sessions which I believe are the highlight of this certification programme. His knowledge, expertise, and outstanding skills have made the course very insightful, engaging, and enjoyable!

Date of experience: July 21, 2023

Expert-Led Generative AI: Learn, Connect, Grow

❏ **Interactive Learning Experience:**
Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics

❏ **Lifelong Learning Journey:**
Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise

❏ **Career-Boosting Network:**
Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

AI-Based Interview Practice Platform

- ❏ Engage With Real Time AI Interview Questions.
- ❏ Practice Questions Tailored with Your Expertise.
- ❏ Validate your Knowledge of subject Matter.

Capstone Project

- ❏ Apply Your Skills in Real World Scenario.
- ❏ Learn Methodologies Aligned to Your Expertise.
- ❏ Validate Skills and Knowledge Gained through the Certification.
- ❏ Showcase Expertise via a Capstone Project.

Enrollment-Options

Option-1

Certified Selenium

Testing Professional (CSTP)

with E-learning

**Fast-track your career by learning a new
skill and earning a certificate**

- ✓ E-Learning from Industry Experts
- ✓ GSDC Membership
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Downloadable Resources-Book of Knowledge, Templates

ENROLL NOW

Option-2

Bundle

**Create your own bundle with
3 certification program**

- ✓ 3 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-1 **Certified Selenium Testing Professional (CSTP) with E-learning**

Certified Selenium Testing Professional (CSTP) with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

- ✔ E-Learning from Industry Experts
- ✔ 1 Certification Program
- ✔ Two Exam Attempts
- ✔ Lifetime Valid Certification
- ✔ Downloadable Resources

ENROLL NOW

Option-2

Make Your Own Certified Selenium Testing Professional (CSTP) Bundle

Enrich your skills and advance your career with our exclusive bundle.
Get certified in the following:

- Certified Selenium Testing Professional (CSTP)

- Certified Cloud Testing Foundation

- Certified Cloud Testing Advance

- Certified Software Security Tester Foundation
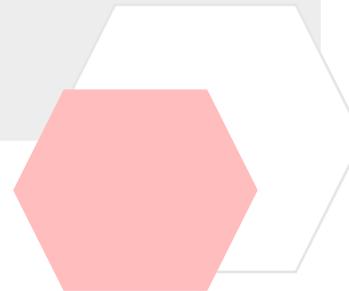
- Certified Agile Tester Foundation

Expand your expertise, design impactful learning experiences, and master your skills.

BUY ANY

3

CERTIFICATIONS

Claim Bundle Here !!!

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Unlock Workforce Potential Through Skill Validation!

Enroll now with the code **UPSKILL10** To avail 10% discount.

Register Now

100% Money Back Guarantee!

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked*

- 100% Amount Refund*

- No Processing Fees*

Thank You

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