Certified in DevSecOps Engineer(CDSOE)

Global Certification Program

- ✓ Globally lifetime Valid Certification

- ✓ Lifetime Valid Certification

- ✓ AI based Roleplay & Simulations

- ✓ Two Exam Attempts

An Overview

what you can expect from this program

The GSDC Certified DevSecOps Engineer (CDSOE) is a premier certification for professionals skilled in secure software development, automation, CI/CD, risk management, and security testing.

Designed for experienced DevSecOps practitioners, this certification validates expertise in building and managing secure software pipelines that meet top industry standards.

Passing the exam demonstrates a candidate's commitment to integrating security into the development lifecycle and ensuring robust compliance. Earning the CDSOE certification enhances credibility, setting professionals apart in the job market while solidifying their role as leaders in the DevSecOps community.

It is an essential credential for those looking to advance their careers.

	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 DevSecOps Engineer

The GSDC Certified DevSecOps Engineer (CDSOE) is a certification highly coveted by those with expertise in developing, deploying, and maintaining secure software solutions using the latest DevSecOps methodologies.
It is intended for seasoned DevSecOps professionals with advanced knowledge and skills in areas such as automation, continuous integration and delivery, risk management, compliance, and security testing.
The certification exam evaluates the candidate's capacity to create, implement, and oversee secure software pipelines that comply with the highest industry standards.

The GSDC Certified DevSecOps Engineer certification is a valuable asset for those who wish to demonstrate their proficiency in the DevSecOps field and stand out in the job market.
This certification validates the candidate's technical expertise and commitment to maintaining top-tier security standards throughout the software development lifecycle.

With this DevSecOps certification, individuals can highlight their knowledge and abilities to potential employers, peers, and clients, and establish themselves as leaders in the DevSecOps community.
Overall, the GSDC Certified DevSecOps Engineer (CDSOE) certification is an essential certification for any DevSecOps professional looking to advance their career and remain ahead of the competition.

Learning Objective

❑ Understand the purpose, benefits, concepts, and vocabulary of DevSecOps.

❑ Assess the candidate's expertise in automation, continuous integration and delivery, risk management, compliance, and security testing.

❑ Provide candidates with a valuable asset to highlight their knowledge and abilities to potential employers, peers, and clients.

❑ Certify the candidate's proficiency in developing secure software solutions using DevSecOps methodologies.

❑ Demonstrate the candidate's dedication to maintaining the highest security standards throughout the software development lifecycle.

❑ Enable candidates to progress their careers and remain competitive in the DevSecOps field.

OBJECTIVES OF DEVSECOPS ENGINEER

Curriculum

1.Overview
•Definition of DevOps and DevSecOps
•Historical Origins and related concepts
•Advantages of implementing DevSecOps
•Guiding principles of DevOps
•Key concepts of DevSecOps
•Overview of the DevSecOps Manifesto
•Addressing security challenges with DevSecOps
•Implementing security as code
•Benefits of DevSecOps in CI/CD pipelines
•Applying DevSecOps in a prototypical business scenario
•The business case for DevSecOps: Cutting costs through shifting left
•Roles, responsibilities, and Collaboration in DevSecOps

2.Journey with SDLC
•Introduction to DevSecOps within the SDLC
•Navigating the DevSecOps journey in the software development life cycle
•Maturity models for implementing DevSecOps

3.Phase-wise SDLC Integration with DevSecOps
•Incorporating DevSecOps in the Planning phase
•Integrating DevSecOps in the Coding Phase
•DevSecOps considerations during the Building phase
•The importance of static application security testing (SAST) and software composition analysis (SCA)
•DevSecOps practices in the Testing phase
•Deploying securely with DevSecOps
•Operating securely with DevSecOps
•Dispelling myths associated with DevSecOps

4.DevOps Basics
•Exploring the concept of DevOps
•Incorporating security into the DevOps workflow

5.DevSecOps Foundation
•Challenges faced in implementing DevSecOps
•Importance of DevSecOps in modern software development

6.Beginning the DevSecOps Journey
•Understanding the Shift Left security approach
•Common aspects of DevOps and Cloud computing
•Introduction to Static Application Security Testing (SAST) and common tools
•Overview of Dynamic Application Security Testing (DAST) and common tools
•Tips for selecting the appropriate security tools

7.DevSecOps Controls
•Implementing security controls in DevSecOps
•Security considerations during the Planning and Development phases
•Ensuring security during code commits
•Security practices in the Build and Test phases

8.Modern Application Development
•The rise of Microservices architecture
•Comparing Microservices with Monoliths
•Exploring the Relationship between Microservices and APIs
•Advantages and disadvantages of adopting Microservices

9. Containerization

- What are Docker Containers?
- Developing applications using Containerization
- Advantages of Containerization
- Drawbacks of Containerization

10. Information Security

- Distinguishing Ethical Hacking, Cyber Security, and Information Security
- Essential Concepts of Information Security
- Career opportunities in Information Security
- Encryption techniques to protect sensitive data
- Effective Policy Management
- Password Management
- Implementing Secure Development LifeCycles
- Adhering to Standards, Best Practices, and Regulations
- Conducting Threat Modeling and Risk Management

11. Cloud Computing and Infrastructure as Code

- What is Cloud?
- What is Cloud Computing?
- Cloud Service Providers and their offerings
- Advantages of Cloud Computing
- Various Cloud Service Models
- Different Cloud Deployment Models

12. Continuous Integration/Continuous Deployment

- Understanding the Software Development Life Cycle (SDLC)
- Defining Integration, Delivery, and Deployment
- What is Continuous Integration/Continuous Deployment (CI/CD)?

13. Personalized Mentorship and Expert Engagement

- A dedicated 1-hour personalized session with a certified DevSecOps professional
- Resolve individual queries on tool integration, security implementation, or CI/CD concerns
- Get hands-on guidance for organizational rollout or career path decisions
- Tailored insights into enterprise DevSecOps practices and trends

14. Tools, Certification & Real-World Case Studies

- Hands-on with DevSecOps tools: Jenkins, GitLab, SonarQube, OWASP ZAP, Docker, and Terraform
- DevSecOps pipeline templates and IaC scripts
- Real-world case studies from regulated industries and cloud-native environments
- Certification preparation: DevSecOps Foundation, CKS, Certified DevSecOps Engineer
- Interactive labs and project simulations
- Final project: Designing and securing a CI/CD pipeline with real tools

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

T   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

MA   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

AM   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 in DevSecOps Engineer With E-Learning

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

- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-2

Bundle

Create your own bundle with 3 certification program

- ✓ 3 Certification Program
- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-1 Certified in DevSecOps Engineer With E-Learning

Certified In DevSecOps Engineer 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 in DevSecOps Engineer Bundle

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

- Certified DevOps Foundation

- Certified DevSecOps Practitioner

- Certified DevOps Practitioner

- Certified DevOps Engineer

- Certified DevSecOps Foundation

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

BUY ANY

3

CERTIFICATIONS

Claim Bundle Here !!!

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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