

Certified DevOps Developer (CDD)

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 DevOps Developer (CDD) certification equips you with the essential skills and hands-on experience to excel in the world of software development. This highly regarded certification focuses on practical knowledge of DevOps methodologies, helping you master key practices such as automating workflows and streamlining collaboration. By earning the CDD certification, you demonstrate your proficiency in applying DevOps principles to accelerate software delivery and improve efficiency across the development lifecycle. As the demand for certified DevOps professionals grows, this certification positions you as a highly sought-after expert capable of driving innovation and operational excellence, opening doors to exciting career opportunities in the rapidly evolving field of DevOps.

	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 150+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 250,000 professionals.

Partnered with 100+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

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



Introduction

Certified DevOps Developer



The GSDC Certified DevOps Developer (CDD) certification offers you the opportunity to become a certified DevOps developer, equipped with the necessary skills to excel in today's technology-driven world. This highly regarded devops developer certification offered by GSDC, emphasizes practical knowledge and hands-on experience in DevOps development methodologies and practices. By obtaining the certified DevOps developer certificate from GSDC, you demonstrate your proficiency in applying DevOps principles and automating workflows, essential for streamlining software development and collaboration.

With the certified DevOps developer (CDD) certification, you enhance your professional credibility and showcase your commitment to delivering high-quality software solutions efficiently and effectively. Few more things to consider while pursuing Certified DevOps Developer (CDD):

- The demand for certified DevOps developers is rapidly increasing across various industries.
- DevOps practices enable accelerated software delivery and seamless operations.
- The GSDC Certified DevOps Developer certification positions you as a high-demand professional capable of driving innovation and efficiency in the software development lifecycle.
- Devops developer certification opens doors to exciting career opportunities in the world of DevOps.

Learning Objective

- Acquire DevOps knowledge and familiarize yourself with tools.
- Develop effective implementation strategies for DevOps.
- Implement continuous integration (CI) utilizing Jenkins.
- Perform configuration management using Chef.
- Validate knowledge of Continuous Integration & Continuous Delivery.
- Verify comprehension of cloud computing and virtualization.
- Master Continuous Integration and Continuous Delivery practices.
- Create lightweight, reproducible, and portable development environments.
- Establish infrastructure monitoring using Nagios.
- Demonstrate understanding of DevOps concepts and tools.
- Authenticate proficiency in implementing DevOps strategies.

OBJECTIVES OF DEVOPS DEVELOPER

Curriculum

1.What is the DevOps

- Benefits of DevOps
- DevOps Principal

2.Introduction to CI/CD:

- Continuous Integration & Continuous Delivery With Jenkins
- Introduction to Jenkins
- SDLC and DevOps culture
- Jenkins features and architecture

3.Overview of the Cloud (IaaS, SaaS, and PaaS) - LAB

- What are the advantages of cloud computing?
- What is the cluster?
- How to create the cluster in AWS?
- How to access the AWS Cluster (EC2) machine from my local system to install the other software?

4.Getting Started With Jenkins - LAB

- Install Jenkins
- Configure Jenkins
- Get started with Jenkins
- Setup Jenkins job
- Jenkins pipeline view
- Install Artifactory

5.DevOps tool - Repository - LAB

- Understand the repository GIT
- Benefits and how to use and check checkout code from GIT
- How is version controlling happening?
- Create the Repository on the fly

6.Build Jobs and Configurations

- Introduction to Build Jobs
- Build Configuration Basics
- Continuous Integration and Build Pipelines
- Managing Build Artifacts
- Job Triggers and Scheduling
- Error Handling and Notifications

7.CI and CD Pipeline Using Gradle, Artifactory and Jenkins - LAB:

- Build a Jenkins and Gradle CI/CD pipeline.
- Configure Artifactory
- Create a Jenkins and Gradle-based CI/CD pipeline.

8.CI & CD Pipeline Using Maven & Jenkins - LAB:

- Create Java application project
- Initiate the development of a CI/CD pipeline using Jenkins and Maven.
- Begin the construction of a CI/CD pipeline with Jenkins and Maven #2.
- Begin the construction of a Jenkins and Maven #3 based CI/CD pipeline.

9.Configuring Build Pipelines - LAB

- Lab Overview and Objectives
- Setting Up the Environment
- Basic Pipeline Creation
- Adding Triggers

10.Automated Testing In Jenkins - LAB

- Lab Overview and Objectives
- Unit Test Integration
- Code Coverage Integration
- Integration Test Automation

11.Code Quality Improvement using Jenkins - LAB

- Lab Overview and Objectives
- Setting Up the Environment
- Integrating Static Code Analysis in Jenkins

12.Automated Deployment and Continuous Delivery - LAB

- Lab Overview and Objectives
- Setting Up the Environment
- Basics of Deployment Pipelines

13.Distributed System In Jenkins - LAB

- Lab Overview and Objectives
- Setting Up Jenkins Master-Agent Architecture
- Node Labels and Assignment

14.Docker overview and understanding - LAB

- Docker Architecture
- Docker benefits
- Docker installation in AWS
- Deploy the image in AWS cluster
- Run the application
- Docker commands

15.How to monitor application logs using ELK - LAB

- What is the kibana and how to install the how to use it.

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**chandrakaran 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 Olaniji**
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**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, Ruguzeno, 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 DevOps Developer 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 DevOps Developer With E-Learning

Certified DevOps Developer 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 DevOps Developer Bundle

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

- Certified SRE Practitioner
- Certified DevOps Architect
- Certified DevOps Engineer
- Certified DevOps Foundation
- SRE Foundation Certification

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

BUY ANY

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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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