Certified in DevOps Architect (CDA)

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 Certified in DevOps Architect (CDA) certification is designed for professionals who architect and implement end-to-end DevOps solutions. It covers advanced concepts like CI/CD pipelines, infrastructure as code, cloud-native architecture, automation, monitoring, and security integration.

CDA validates the ability to design scalable, secure, and efficient DevOps ecosystems tailored to organizational needs. Ideal for senior DevOps engineers, architects, and IT leaders, this certification empowers professionals to drive digital transformation and accelerate software delivery with strategic DevOps practices.

	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 Architect

GSDC Certified DevOps Architect is designed for professionals who possess advanced skills in architecting and implementing DevOps practices and technologies.
With a strong emphasis on practical knowledge, the CDA certification equips you with the necessary tools and techniques to successfully lead and streamline the software development lifecycle.

By earning this certification, you demonstrate your proficiency in integrating development, operations, and quality assurance processes, enabling organizations to achieve faster delivery, improved collaboration, and increased business agility.
The DevOps Architect certification is a highly recognized credential that validates your expertise as a DevOps Architect.

As a Certified DevOps Architect, you are equipped to drive innovation, enhance operational efficiency, and deliver high-quality software solutions. Stay ahead in this rapidly evolving technology landscape and unlock exciting career opportunities with the globally recognized CDA certification.

Learning Objective

❑Understand the current delivery pipeline.

❑Architect and implement efficient DevOps practices.

❑Streamline software development lifecycle for agility.

❑Enable faster and more collaborative software delivery.

❑Stay ahead in the evolving technology landscape.

❑To develop action plans for DevOps transformation.

❑Integrate development, operations, and quality assurance.

❑Drive innovation and enhance operational efficiency.

❑Lead teams to deliver high-quality solutions.

OBJECTIVES OF DEVOPS ARCHITECT

Curriculum

1. Introduction to DevOps:
- What is DevOps?
- Why DevOps?
- What is Continuous Deployment?
- What is Continuous Integration

2. Lab Setup:
- Lab Setup process on Google Cloud and AWS

3. GIT – Version Control System:
- What is Version Control System
- Types of VCS
- Introduction to GIT Architecture
- Logs and Diff Command in GIT
- Removing files from wd and local repository
- GIT Ignore
- GIT Checkout
- GIT Reset
- Branching, Merging and Conflicts in GIT
- GIT Stash
- Remote Repository Github
- Git Clone
- GIT Pull
- GIT Fetch

4. MAVEN – Build Automation Tool:
- Why and What is Maven?
- Maven LifeCycle and Architecture
- Pom file in Maven
- Maven Installation

5. JENKINS:
- Introduction to Jenkins
- Jenkins Setup and Launch
- CICD Pipeline in Jenkins
- Maven Jobs in JENKINS
- Create Pipeline in JENKINS
- Distributed Architecture in Jenkins
- Adding linux slave to jenkins master
- Jenkins Pipeline
- Jenkins File
- Multiconfiguration Project type in Jenkins

6. DOCKER:
- VMS Vs Containers
- Docker Architecture
- Container LifeCycle
- Docker Volumes
- Attaching volume to containers
- Creating volume with v flag
- Migrating Docker volumes

7. Docker Swarm – Container Orchestrator Tool:
- Docker Swarm – 1
- Docker Swarm – 2
- Setup
- Swarm cluster scaling and load balancing

8. Docker Machine:
- Introduction to Docker Machine
- Creating docker hosts on GCP

9. Kubernetes with Amazon EKS:
- Introduction to Kubernetes and its Architecture
- What is Amazon EKS
- Kubernetes Cluster Setup
- Pods in Kubernetes
- LoadBalancer Service
- Blue Green Deployment in Kubernetes
- Autoscaling in Kubernetes cluster with EKS

10. Tools, Certifications & Real-World Application
- One-on-One Mentor Connect with Subject Matter Expert
- A dedicated 1-hour session with a DevOps practitioner
- Clarify technical doubts, CI/CD pipeline architecture, or Kubernetes implementation
- Discuss DevOps career paths, certification guidance, or project best practices
- DevOps Toolkit Overview: Git, Jenkins, Docker, Kubernetes, Maven
- Certification Preparation: Docker Certified Associate, CKAD, AWS DevOps Engineer
- Real-World Case Studies: DevOps in Finance, Healthcare, and SaaS
- Capstone Project: Build a Full DevOps Pipeline from Source to Deployment

GSDC
Global Skill Development Council

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.

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 DevOps Architect 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 DevOps Architect With E-Learning

Certified In DevOps Architect 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 DevOps Architect Bundle

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

- Certified DevSecOps Engineer

- Certified SRE Practitioner

- Certified DevOps Engineer

- Certified DevOps Developer

- 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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