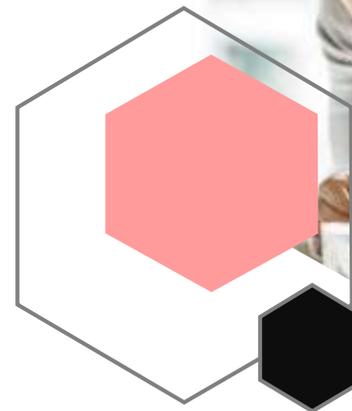**GSDC**
Global Skill Development Council

Certification In Generative AI In Cybersecurity

Gain Global Recognition in Generative AI for Software Development

✓ Globally Recognized Certification

✓ Learn By Doing Approach

✓ Access to live session from global experts

✓ Two Exam Attempts

GSDC
Generative AI in Cybersecurity
CERTIFIED

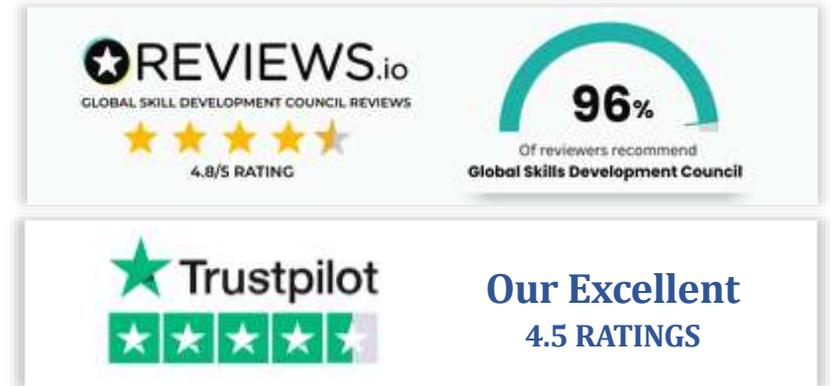# Global Skill Development Council (GSDC)

- ✓ GSDC is an independent, vendor-neutral organization offering certifications in emerging technologies and skill-based frameworks.
- ✓ Established in 2016 with offices in the US, Singapore, and Switzerland.
- ✓ Certified 250,000+ professionals worldwide.
- ✓ Certification exams are designed by SMEs across the Globe.
- ✓ GSDC is also associated with 500+ Fortune companies such as E.Y., Kyndryl, Deloitte, IBM & more.
- ✓ GSDC is supported by esteemed thought leaders from Yale, MIT, Stanford, Wharton, and Harvard.
- ✓ 100+ Certification portfolio includes – Generative AI, L&D, Cyber Security, ISO Auditing etc.
- ✓ Partnered with 100+ Global Training Partners.

TRUST SCORE

REVIEWS.io
GLOBAL SKILL DEVELOPMENT COUNCIL REVIEWS
★★★★★
4.8/5 RATING

96%
Of reviewers recommend
Global Skills Development Council

Trustpilot
★★★★½

Our Excellent
4.5 RATINGS

Accredited By:

ABICB
Accreditation Board for
International Certification Bodies

Proud Member of :

Approved American National Standard
ANSI

FEATURED IN : people managing people   Forbes   TechTarget   indeed   CareerSidekick   LeanIX   reworked   CSO   viesearch   Authentic

Overview

- Certification in Generative AI in Cybersecurity by GSDC equips professionals with industry-relevant knowledge and practical skills to leverage AI for advanced cybersecurity solutions.

- The program blends foundational concepts with real-world cybersecurity applications, enabling participants to implement generative AI in threat detection, incident response, and security automation.

- Participants gain practical exposure through GSDC's Learn-by-Doing approach, interactive labs, and structured resources aligned with global standards.

- This globally recognized certification validates expertise and prepares professionals for future-ready roles in AI-driven cybersecurity.

GSDC CERTIFICATION IN GENERATIVE AI IN CYBERSECURITY PROGRAM FEATURES

Learn By Doing

GSDC Studio – Access to daily live session

1 on 1 connect

GSDC AI Utility

AI Powered Capstone Project

Interview Practice Platform

2 Practice Exams

GSDC Copilot

3

Certification In Generative AI In Cybersecurity Program Curriculum

1. The Foundation of Generative AI

- Exploring the Basics of Generative AI
- Types of Generative Models
- Ethical Dimensions in AI and Cybersecurity

2. Cybersecurity Fundamentals

- Grasping the Essentials of Cybersecurity
- AI's Role in Enhancing Cybersecurity
- Legal and Regulatory Frameworks in Cybersecurity

3. The Power of Generative Adversarial Networks (GANs)

- GAN Architecture and Its Key Components
- Training GANs for Data Generation
- Leveraging GANs for Anomaly Detection
- Exploring Advanced GAN Variants (e.g., StyleGAN, CycleGAN) for Cybersecurity Applications

4. Variational Autoencoders (VAEs) in Action

- Understanding the VAE Architecture and Its Latent Space
- VAEs for Data Reconstruction & Anomaly Detection
- Integrating VAEs with Other AI Techniques
- VAE Applications in Threat Detection and Behavior Modeling

5. Deep Reinforcement Learning in the Cybersecurity Context

- Core Principles of Reinforcement Learning
- Applying Reinforcement Learning to Intrusion Detection and Response
- Navigating Challenges and Constraints in RL for Cybersecurity
- RL for Dynamic Attack Simulation and Automated Defense Systems

6. Security and Ethical Considerations in AI and Cybersecurity

- Tackling AI Biases in Cybersecurity
- The Battle of Adversarial Attacks and Defenses
- Privacy Implications and the Imperative of Data Protection
- AI Governance in Cybersecurity: Regulatory frameworks for AI-based security solutions

7. Use Cases with Generative AI Tools & Hands-on Demos

- Learn to create AI Enhanced PowerPoint Presentations, Images, Chart analysis for all business purposes - From Basics to Mastery
- Learn to leverage AI for automated data insights, simplifying the journey from data collection to impactful business strategies
- Learn to harness the power of AI for document summarization, distilling vast information into concise summaries effortlessly.
- Learn to build AI-powered personalized recommendation systems with your data on PDF/Word documents using AI assistants
- Content Generation (Audio, Video, Images) with Prompt Engineering

8. Personalized 1-1 & Daily Group Live session

- Personalized 1-on-1 Trainer/SME Connect Session - Receive a 1-on-1 connect session from Trainer/SME to resolve all types of queries.
- Daily Live Session with Lifelong Learning - Participate in a daily live session with industry experts where professionals from around the world connect with SMEs and have a brainstorming session.

9 Agentic AI Is the Next Step in Generative AI's Evolution

- What Is Agentic Artificial Intelligence?
- Generative AI vs Agentic AI: A Comparative Overview
- How Agentic AI Performs Its Tasks
- Agentic AI for Threat Surveillance
- Agentic AI in Automated Incident Response and Security Orchestration

What Comes with GSDC Certification

Immersive Learning Approach

Certification & Accreditation

GSDC Studio

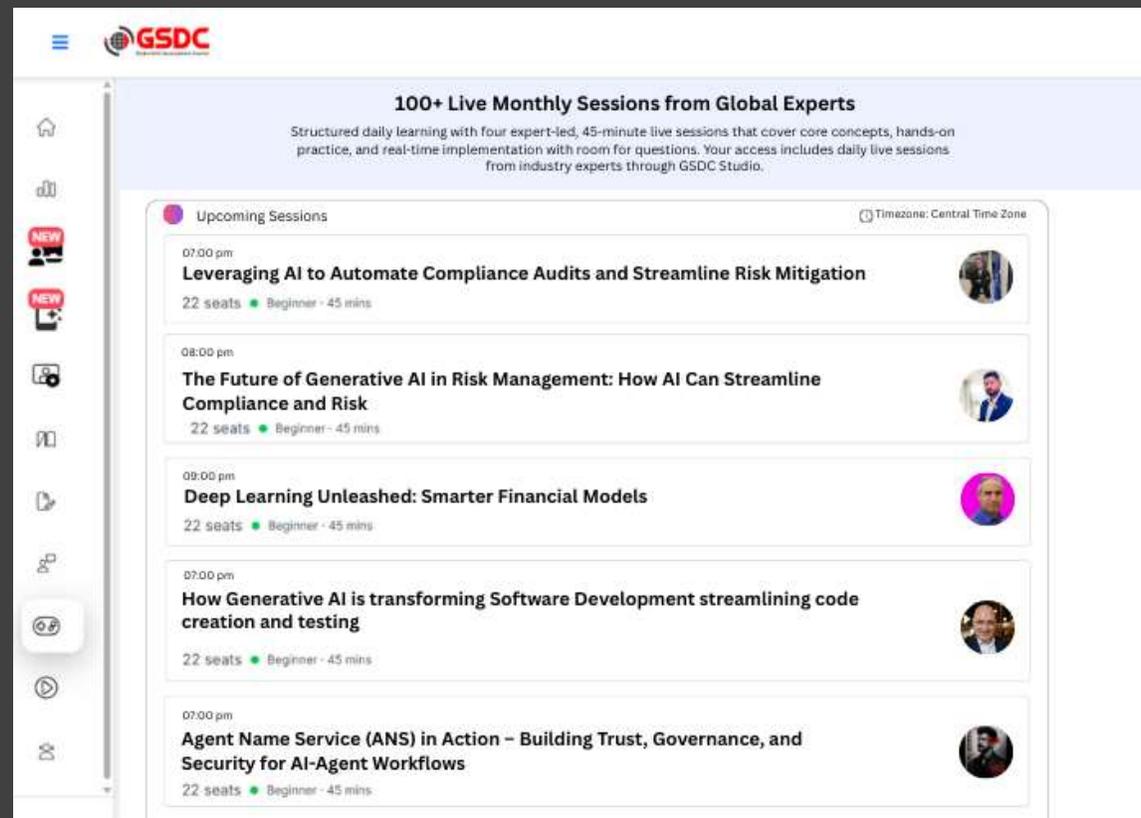GSDC Studio Speakers

Learn By Doing

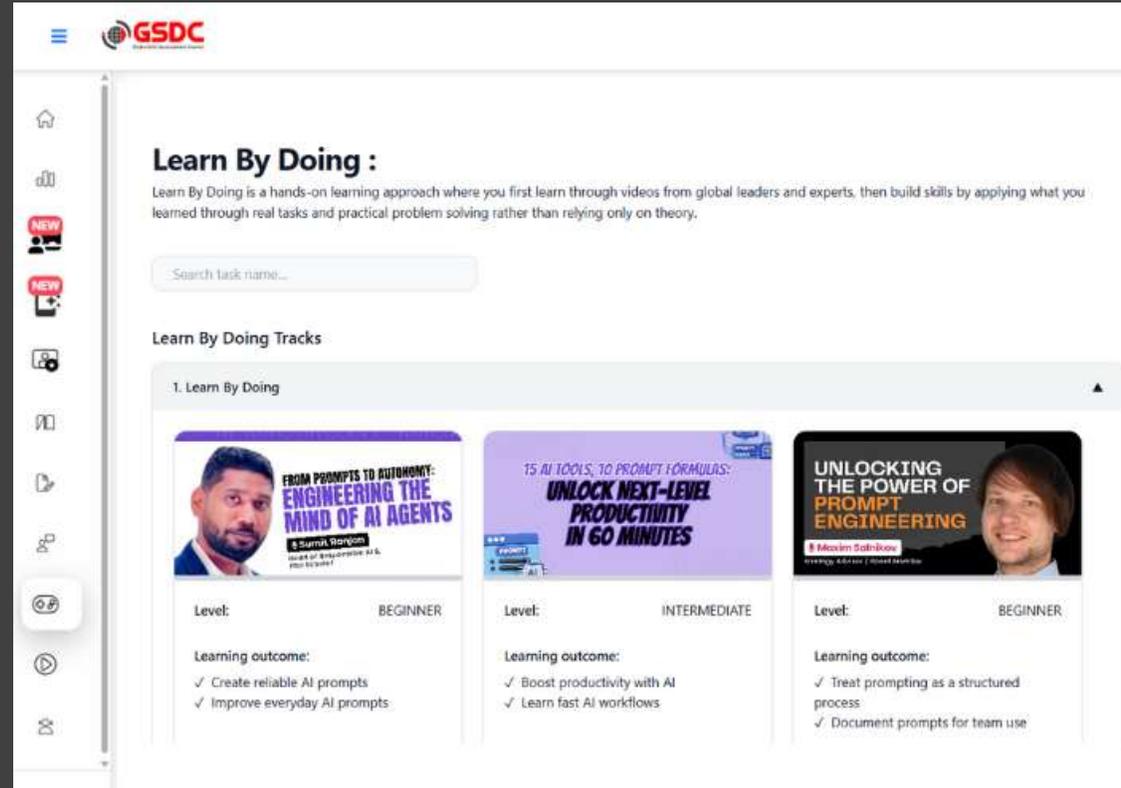E-Book Template / Resource

Gamified Assessments

Capstone Project

GSDC AI Utility

GSDC Copilot

Gain a globally Recognized accepted certification that opens doors to new opportunities. Show employers you're Skilled to meet international standards.

What Comes with GSDC Certification

Immersive Learning Approach

Certification & Accreditation

GSDC Studio

GSDC Studio Speakers

Learn By Doing

E-Book Template / Resource

Gamified Assessments

Capstone Project

GSDC AI Utility

GSDC Copilot

GSDC Studio brings global Generative AI and cybersecurity experts who share real-world insights across industries. These live sessions give learners direct access to the experiences, best practices, and strategies of professionals driving innovation in AI-powered cybersecurity solutions.

What Comes with GSDC Certification

Immersive Learning Approach

- Certification & Accreditation
- GSDC Studio
- GSDC Studio Speakers
- Learn By Doing
- E-Book Template / Resource
- Gamified Assessments
- Capstone Project
- GSDC AI Utility
- GSDC Copilot

GSDC Studio brings in global experts who share real-world insights from across industries. Their sessions give learners direct access to the experience and perspective of leaders shaping the future of Certification In Generative AI In Cybersecurity
.

Baris Dirim | Adam Sandman | Kenneth Gonzalez | Nisarg Kadam | Ben Gold | Noelle Russell | Sumit Ranjan | Krista Neher | Harshada Kushe

Dr. Avneesh Khare | M Faizan Khan | Raviteja Dhanukonda | Ziggy Rafiq | Jothi Moorthy | Harsh Kumar | Srijith Nair | Atul Yadav | Matt Johnson

Jennifer Delalande | Krista Gamble | PaVan G Jakati | Arjun Prakash | Puspanjali Sarma | Hotragn Pettugani | Deepak Mukunthu | Jonathon Wright | Keyuri Anand

Udit Sharma | Jonathon Wright | Behati Hart | Darrell Bennett | Leela VenkataSatish Kolla | Faizan Khan | Marco Camisani-Calzolari | Melessa Lawson | Nuo (Leo) Jian

What Comes with a GSDC Certification

Immersive Learning Approach

- Certification & Accreditation
- GSDC Studio
- GSDC Studio Speakers
- **Learn By Doing**
- E-Book Template / Resource
- Gamified Assessments
- Capstone Project
- GSDC AI Utility
- GSDC Copilot

The GSDC Certification in Generative AI in Cybersecurity pairs the learning path with guided, hands-on practice that mirrors real-world cybersecurity scenarios. Participants design, implement, and test AI-driven threat detection, vulnerability assessments, and security automation solutions directly on the platform, gaining the confidence to apply Generative AI effectively in cybersecurity workflows.

What Comes with a GSDC Certification

Immersive Learning Approach

- Certification & Accreditation
- GSDC Studio
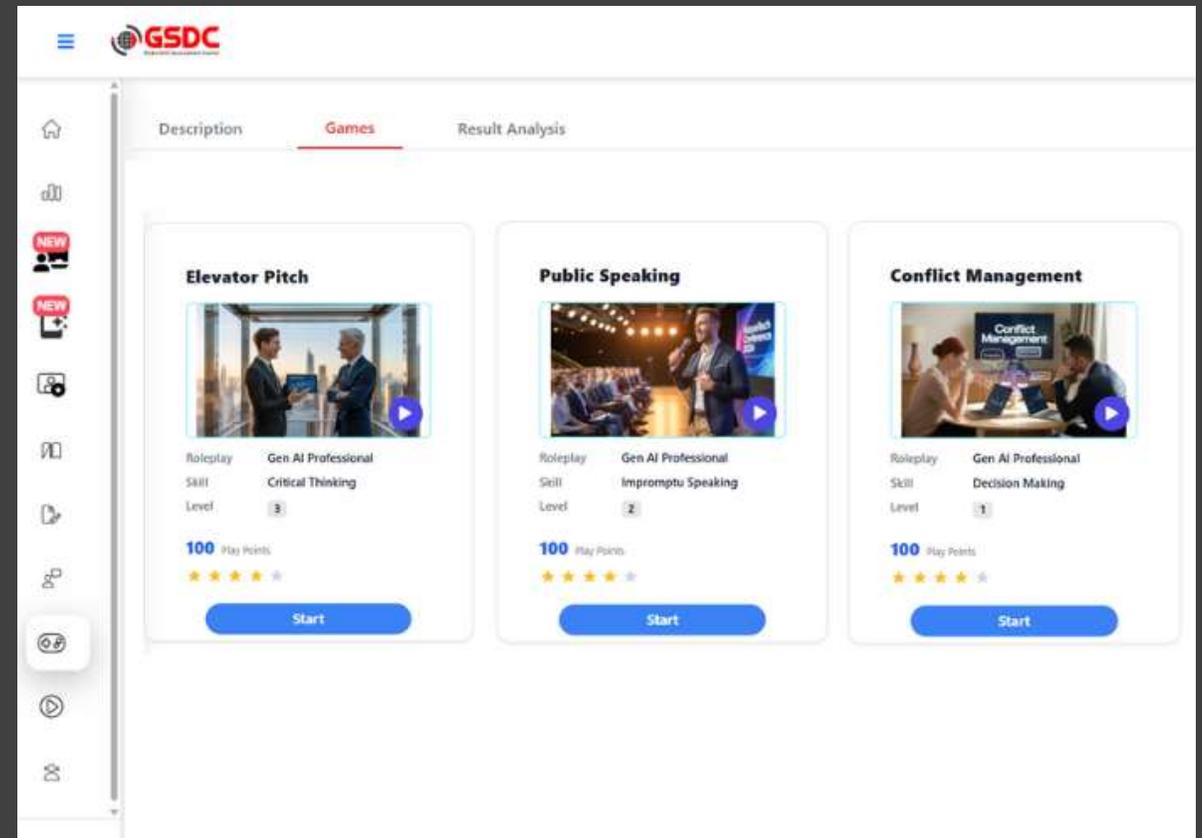- GSDC Studio Speakers
- Learn By Doing
- E-Book Template / Resource
- Gamified Assessments
- Capstone Project
- GSDC AI Utility
- GSDC Copilot

Experts create in-depth study material supported by ready-to-use templates. It helps learners understand faster and apply concepts right away.

GENERATIVE AI N CYBERSECURITY

APPLIED GENERATIVE AI FOR CYBER DEFNSE

SECURE INTELLIGENCE SYSTEMS

GENERATIVE AI IN CYBERSECURITY BOK

What Comes with a GSDC Certification

Immersive Learning Approach

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- GSDC Studio Speakers
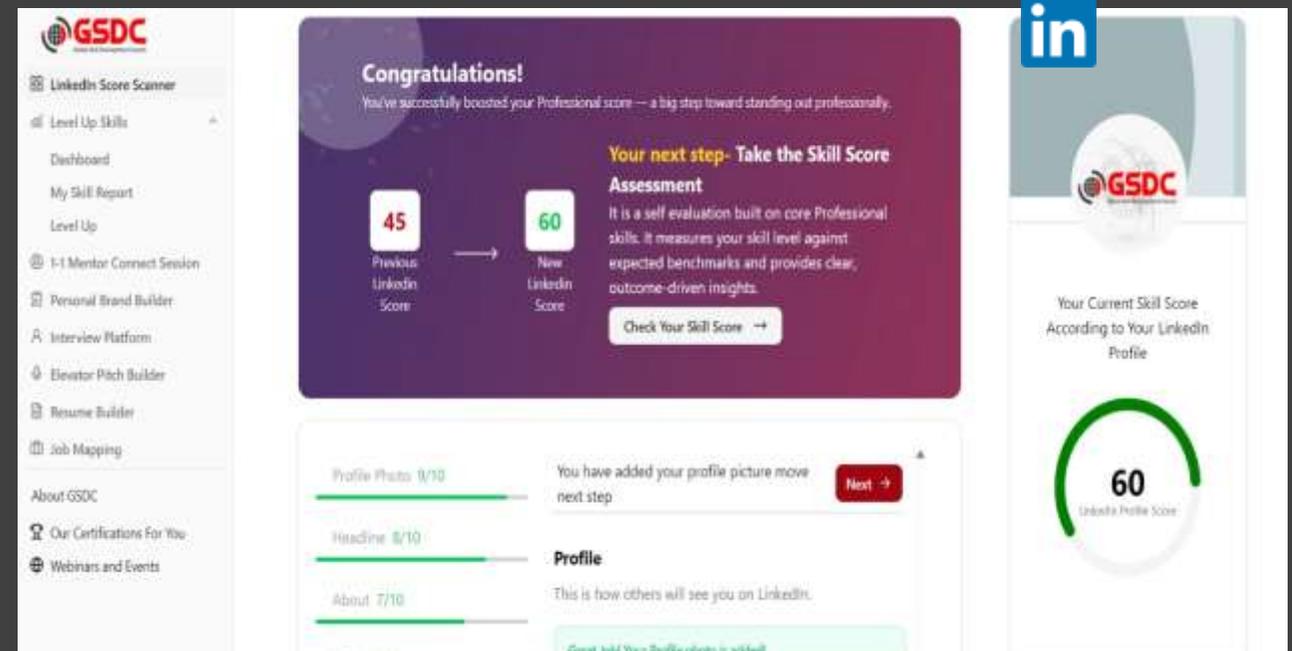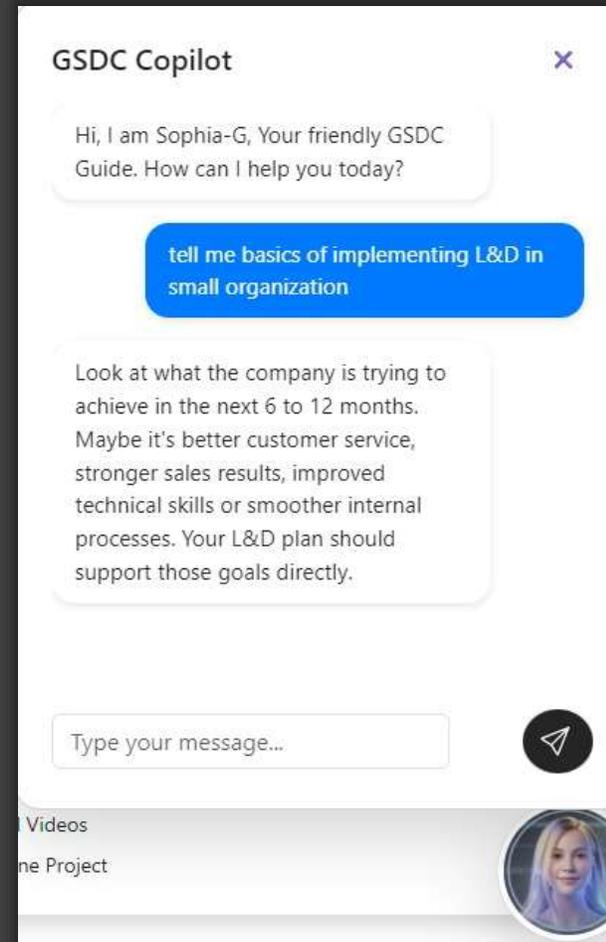- Learn By Doing
- E-Book Template / Resource
- **Gamified Assessments**
- Capstone Project
- GSDC AI Utility
- GSDC Copilot

Engage learners with exciting gamified assessments that make testing feel fun. It keeps motivation high and boosts overall participation.

What Comes with a GSDC Certification

Immersive Learning Approach

Certification & Accreditation

GSDC Studio

GSDC Studio Speakers

Learn By Doing

E-Book Template / Resource

Gamified Assessments

Capstone Project

GSDC AI Utility

GSDC Copilot

Capstone projects powered by AI turn learning into hands-on experience.
They confirm that learners can use their skills in real situations.

What Comes with a GSDC Certification

Immersive Learning Approach

- Certification & Accreditation
- GSDC Studio
- GSDC Studio Speakers
- Learn By Doing
- E-Book Template / Resource
- Gamified Assessments
- Capstone Project
- GSDC AI Utility
- GSDC Copilot

GSDC AI Utility helps you strengthen your LinkedIn presence with smarter content suggestions, profile insights and keyword improvements. It supports you in building a sharper personal brand that stands out to employers and peers.

What Comes with a GSDC Certification

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GSDC Copilot is your personal AI mentor, giving you tailored guidance to build skills and grow professionally. It adapts to your goals with personalized feedback and learning paths.

GSDC Copilot

Hi, I am Sophia-G, Your friendly GSDC Guide. How can I help you today?

tell me basics of implementing L&D in small organization

Look at what the company is trying to achieve in the next 6 to 12 months. Maybe it's better customer service, stronger sales results, improved technical skills or smoother internal processes. Your L&D plan should support those goals directly.

Type your message...

Videos

ne Project

13

SUCCESS STORIES

Certification In Generative AI In Cybersecurity

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 Impact of Certification In Generative AI In Cybersecurity

GSDC has certified more than One lakh professionals across a wide range of industries and roles.

Industry-wise Distribution of Certified Professionals for Generative AI for Cybersecurity
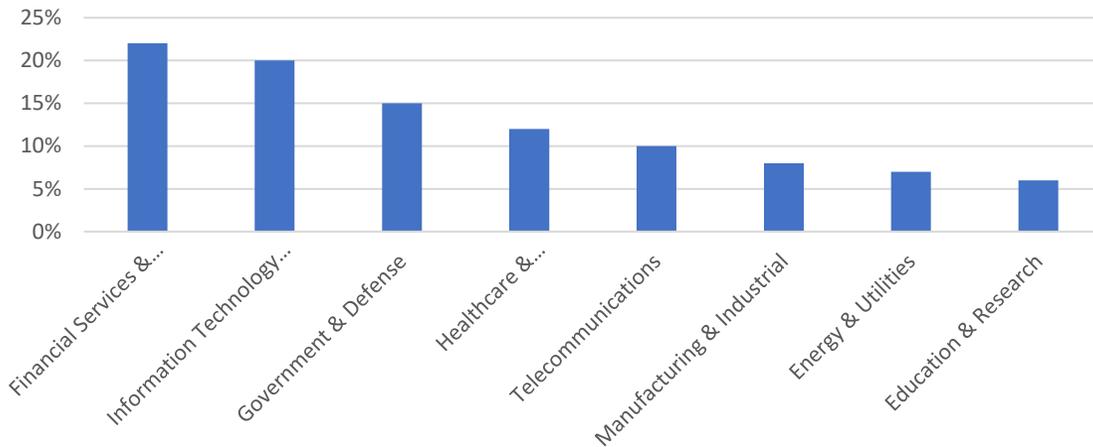
Adoption is strongest in Financial Services, IT, and Government, with a balanced distribution across major industries globally.

ROLE VS CERTIFIED PROFESSIONALS FOR GENERATIVE AI FOR CYBERSECURITY
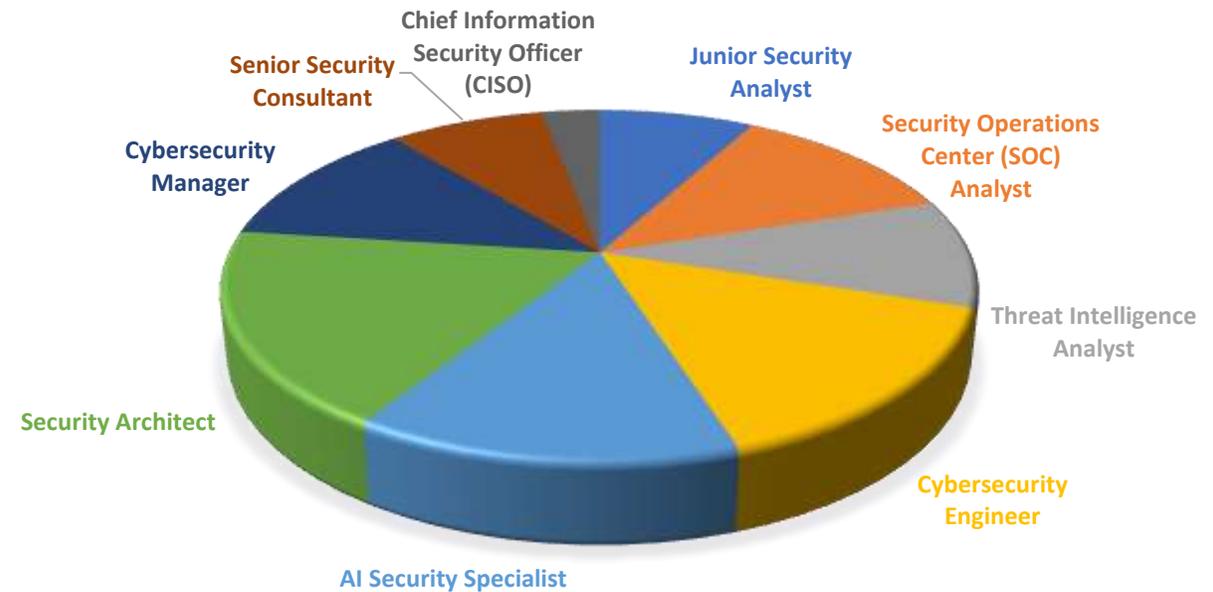
Certification is higher among senior and specialized cybersecurity roles, reflecting strong adoption by experienced professionals.

Our Alumni works @

TECHNOLOGY

MANUFACTURING

AUTOMOBILE

HEALTHCARE

ENERGY & POWER

BFSI

Capgemini · Microsoft · Google · IBM · TATA CONSULTANCY SERVICES (tcs) · Infosys

SIEMENS · GE · BOSCH · MITSUBISHI · Honeywell · 3M

TOYOTA · BMW · Mercedes-Benz · TESLA · HONDA · Ford · HYUNDAI

Johnson & Johnson · Pfizer · Medtronic · Abbott · Roche · GE HealthCare

Shell · bp · Schneider Electric · SIEMENS energy · ExxonMobil · Chevron

mastercard · BANK OF AMERICA · VISA · J.P.Morgan · citi · HSBC · AMERICAN EXPRESS · PayPal

17

Enrollment-Options

Single Access

Unlock full access to all comprehensive resources and earn Global certification

- ✓ Expert Led Videos - 10 hrs+ of learning
- ✓ Get 1 Certification - Just $100
- ✓ Save up to 50% with our limited-time offer!
- ✓ 3 SME Connect (1-on-1)
- ✓ Access to GSDC AI Studio
- ✓ Weekly Group SME Connect Session
- ✓ Certification Exam + 1 Free Retake & Practice
- ✓ Capstone Project + AI Interview & Tools
- ✓ GSDC Membership worth $109 free

ENROLL NOW

Bundle Access

Get 3 certifications at a discounted price for maximum value

- ✓ Expert Led Videos - 30 hrs+ of learning
- ✓ Get 3 Certifications - **Just $67** each
- ✓ **Save up to 60%** with this special bundle offer!
- ✓ **Unlimited** SME Connect (1-on-1)
- ✓ Access to GSDC AI Studio
- ✓ Weekly Group SME Connect Session
- ✓ Certification Exam + 2 Free Retake & Practice
- ✓ Capstone Project + AI Interview & Tools
- ✓ GSDC Membership worth $109 free

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CERTIFICATIONS

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