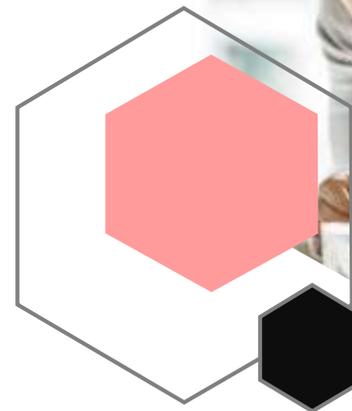


# Certification In Generative AI In Cybersecurity

**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



# Global Skill Development Council (GSDC)

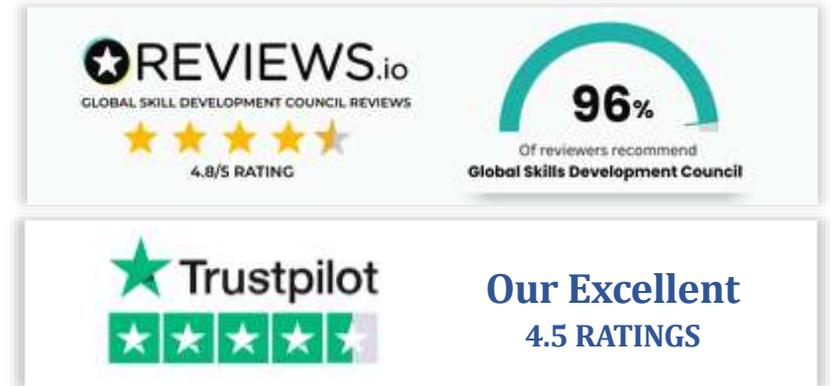
- ✓ GSDC is an independent, vendor-neutral organization offering certifications in emerging technologies and skill-based frameworks.
- ✓ Established in 2016 with offices in the US, Singapore, and Switzerland.
- ✓ Certified 250,000+ professionals worldwide.
- ✓ Certification exams are designed by SMEs 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.

**Accredited By:**

**Proud Member of :**



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# 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

# 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

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Learn By Doing

E-Book Template / Resource

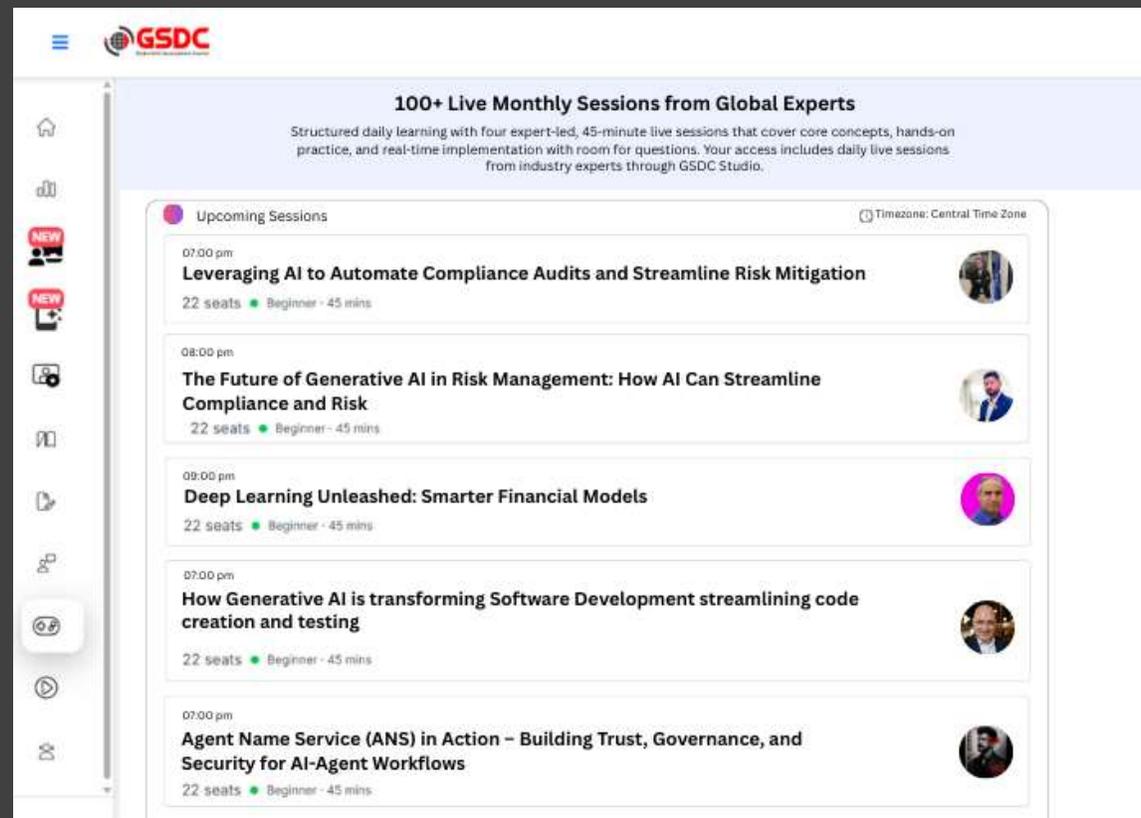
Gamified Assessments

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.



The screenshot displays the GSDC Studio interface. At the top, it features the GSDC logo and a navigation menu. Below the logo, a banner reads "100+ Live Monthly Sessions from Global Experts" with a sub-description: "Structured daily learning with four expert-led, 45-minute live sessions that cover core concepts, hands-on practice, and real-time implementation with room for questions. Your access includes daily live sessions from industry experts through GSDC Studio." The main content area is titled "Upcoming Sessions" and lists five sessions, each with a time slot, title, and details:

- 07:00 pm**  
**Leveraging AI to Automate Compliance Audits and Streamline Risk Mitigation**  
22 seats • Beginner - 45 mins
- 08:00 pm**  
**The Future of Generative AI in Risk Management: How AI Can Streamline Compliance and Risk**  
22 seats • Beginner - 45 mins
- 09:00 pm**  
**Deep Learning Unleashed: Smarter Financial Models**  
22 seats • Beginner - 45 mins
- 07:00 pm**  
**How Generative AI is transforming Software Development streamlining code creation and testing**  
22 seats • Beginner - 45 mins
- 07:00 pm**  
**Agent Name Service (ANS) in Action – Building Trust, Governance, and Security for AI-Agent Workflows**  
22 seats • Beginner - 45 mins

Each session entry includes a small circular profile picture of the speaker. A "Timezone: Central Time Zone" indicator is visible in the top right corner of the session list.

# What Comes with GSDC Certification

## Immersive Learning Approach

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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



# What Comes with a GSDC Certification

## Immersive Learning Approach

 Certification & Accreditation

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 Learn By Doing

E-Book Template / Resource

Gamified Assessments

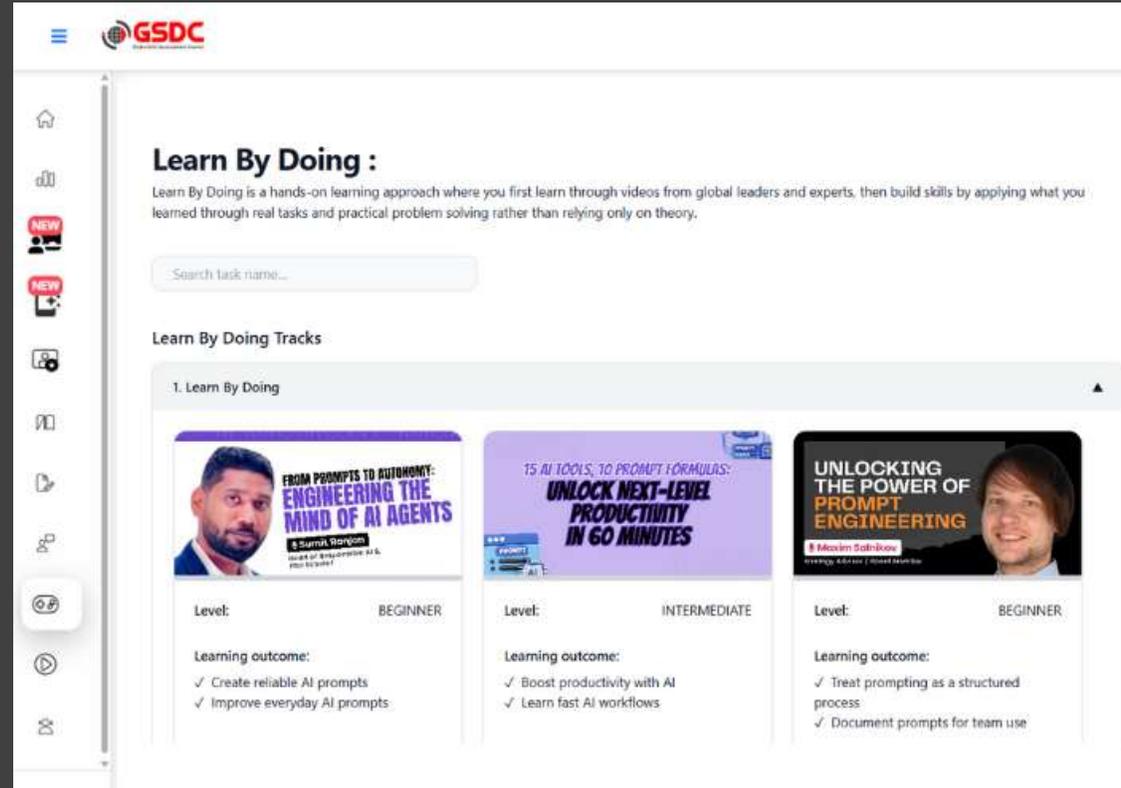
Capstone Project

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.



The screenshot displays the GSDC 'Learn By Doing' interface. At the top, there is a search bar labeled 'Search task name...'. Below it, the section 'Learn By Doing Tracks' is visible, featuring three learning tracks:

- Track 1:** 'FROM PROMPTS TO AUTONOMY: ENGINEERING THE MIND OF AI AGENTS' by Sumit Sarin. Level: BEGINNER. Learning outcomes: ✓ Create reliable AI prompts, ✓ Improve everyday AI prompts.
- Track 2:** '15 AI TOOLS, 10 PROMPT FORMULAS: UNLOCK NEXT-LEVEL PRODUCTIVITY IN 60 MINUTES'. Level: INTERMEDIATE. Learning outcomes: ✓ Boost productivity with AI, ✓ Learn fast AI workflows.
- Track 3:** 'UNLOCKING THE POWER OF PROMPT ENGINEERING' by Maxim Solniko. Level: BEGINNER. Learning outcomes: ✓ Treat prompting as a structured process, ✓ Document prompts for team use.

# 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.



# What Comes with a GSDC Certification

## Immersive Learning Approach

 Certification & Accreditation

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 GSDC Studio Speakers

 Learn By Doing

 E-Book Template / Resource

 Gamified Assessments

Capstone Project

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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

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 GSDC Studio Speakers

 Learn By Doing

 E-Book Template / Resource

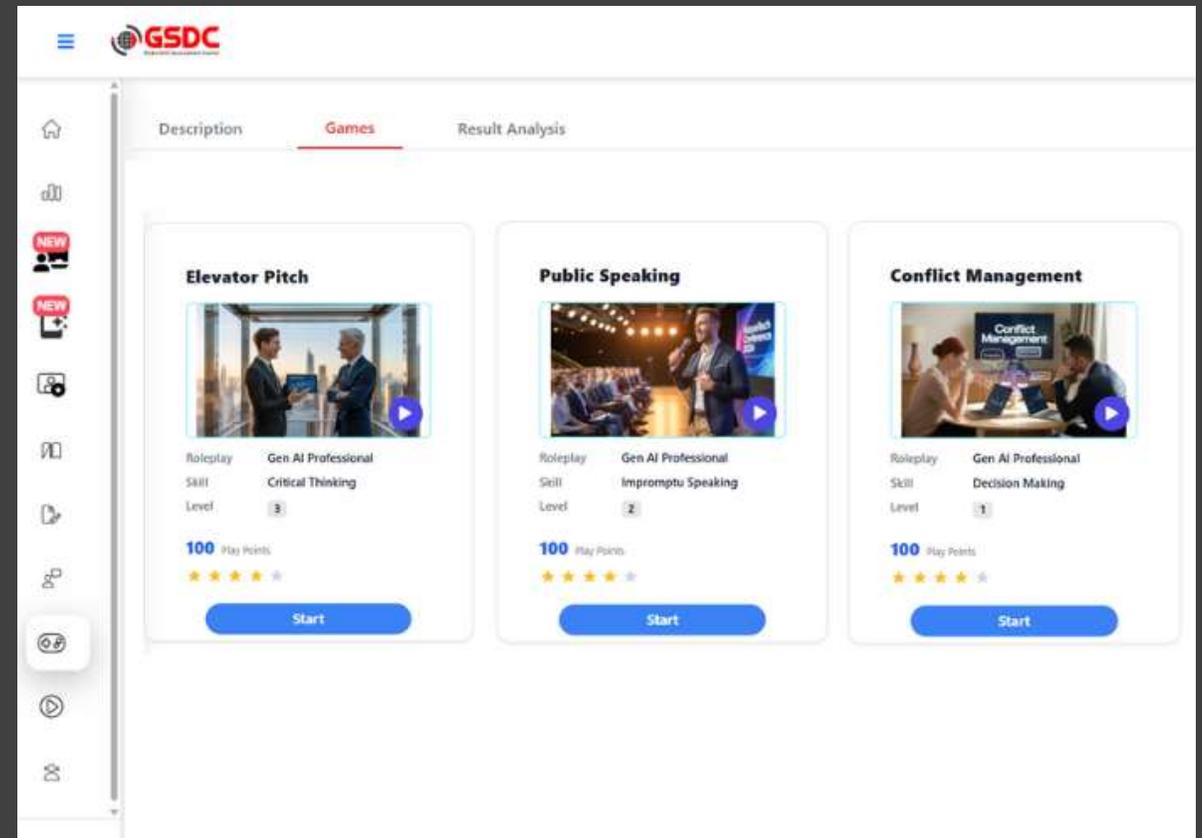
 Gamified Assessments

 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

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 Learn By Doing

 E-Book Template / Resource

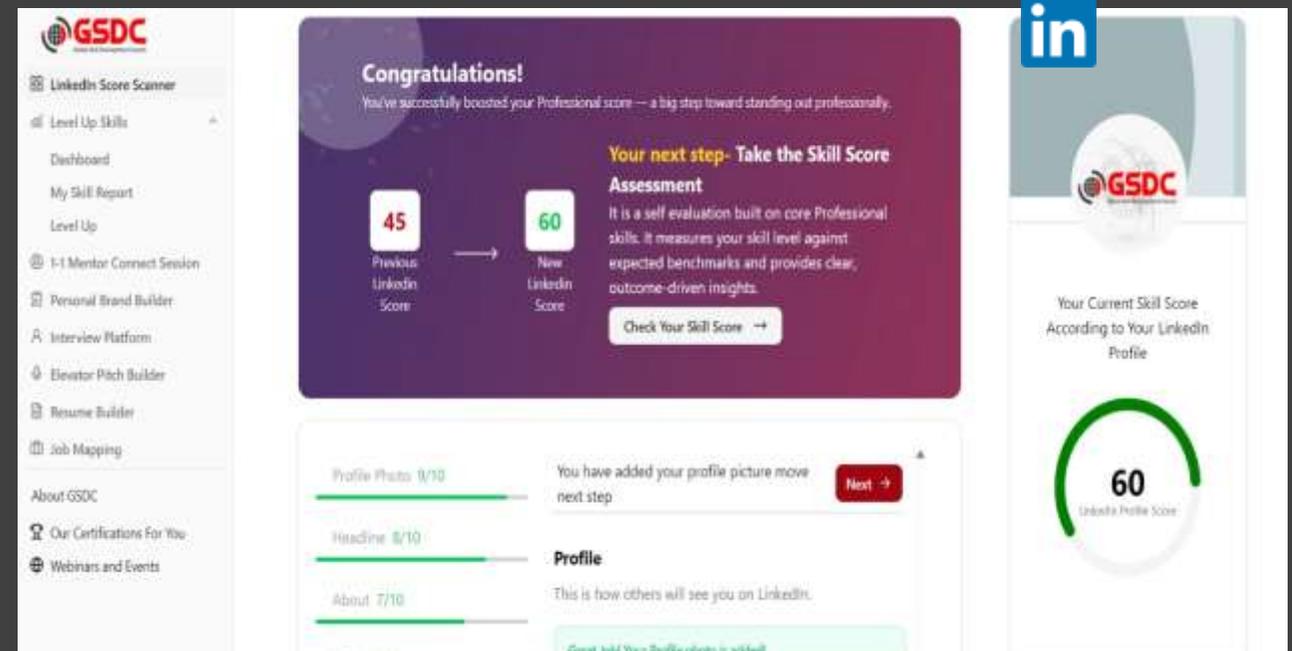
 Gamified Assessments

 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

## Immersive Learning Approach

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 GSDC Studio Speakers

 Learn By Doing

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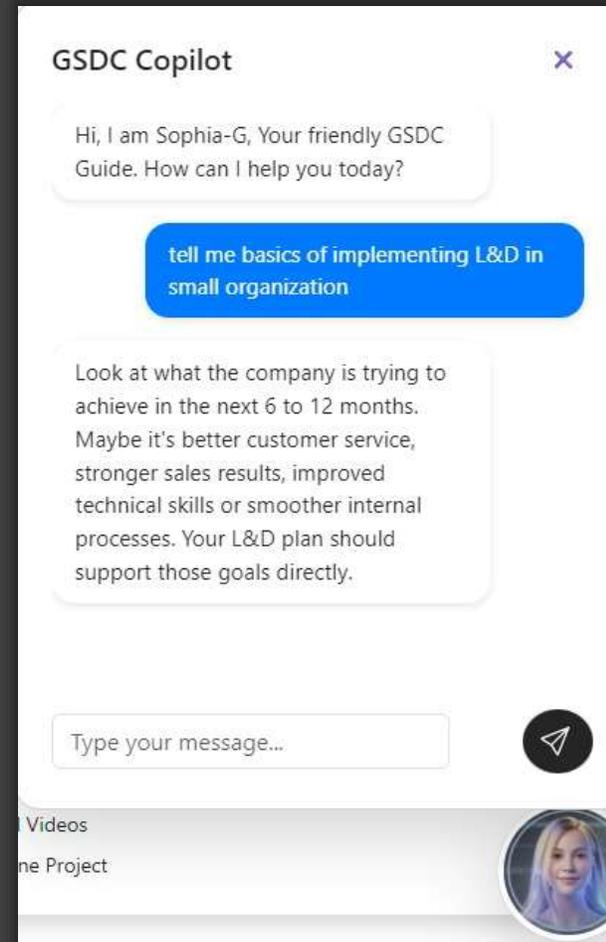
 Gamified Assessments

 Capstone Project

 GSDC AI Utility

 GSDC Copilot

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.



# SUCCESS STORIES

## Certification In Generative AI In Cybersecurity



**Raju Balunavar** ✓ • 3rd+

Senior Product Security Consultant | SANS (GPEN | GWAPT) | Cloud Se...  
4mo • Edited • 🔒

+ Follow ...

I'm happy to announce that I have successfully cleared the Certified Generative AI in Cybersecurity (GSDC) certification. 🚀🔒

This certification deepened my understanding of how Generative AI can be leveraged in cybersecurity—from automating threat detection and response to enhancing security operations with AI-driven insights.

A big thank you to #GSDC for this valuable learning opportunity. 🙏

Looking forward to applying these skills in real-world scenarios and contributing to innovative and secure AI-driven solutions.

#GSDC #GenerativeAI #CyberSecurity #ContinuousLearning #AITransformation  
#Certification



**Olufemi Yusuf** ✓ • 3rd+

Senior Cybersecurity Analyst || Microsoft Certified Cybersecurity Archit...  
4mo • 🔒

+ Follow ...

I'm happy to share that I've obtained a new certification: Certification in Generative AI in Cybersecurity from [GSDC - Global Skill Development Council](#)



Certification In Generative AI In Cybersecurity

[gsdcouncil.org](https://gsdcouncil.org)

🌐 35

9 comments



**Er. Ankur Mukherjee** • 3rd+

Google Certified Generative AI Leader | Azure Solutions Architect E...  
3mo • 🔒

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I'm happy to share that I've obtained a new certification: Certification in Generative AI in Cybersecurity from [GSDC - Global Skill Development Council](#)!  
#gsdc #GenerativeAI #CyberSecurity #GenAI



# 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.

**Trustpilot** Our Excellent 4.5 RATINGS

**REVISIONS.io** GLOBAL SKILL DEVELOPMENT COUNCIL REVIEWS 4.8/5 RATING 96% Of reviewers recommend Global Skills Development Council

**chandrakoran 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

**Touin Dhanvi** 1 review AE 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 09, 2023

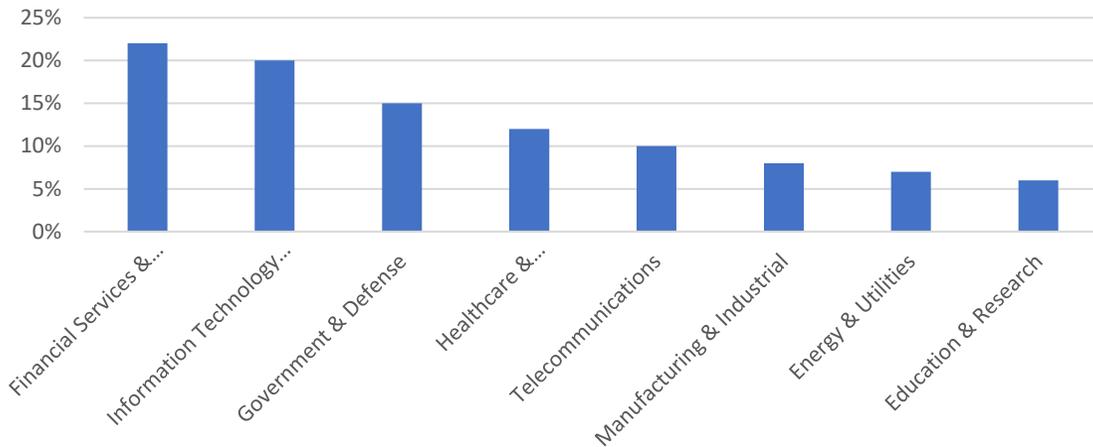
**Amani** 1 review AE Aug 15, 2023  
★★★★★  
Certified Learning & Development Professional CLDP  
I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Raguozeno, 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

**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 insight!  
Date of experience: September 25, 2023

# Global Impact of Certification In Generative AI In Cybersecurity

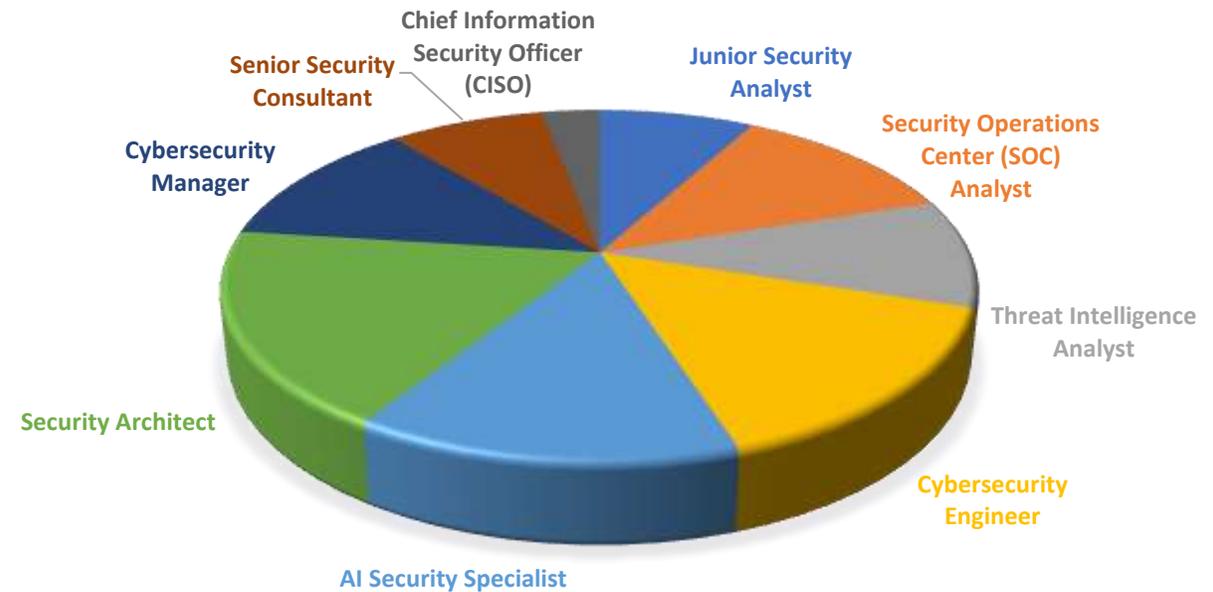
**GSDC has certified more than One lakh professionals across a wide range of industries and roles.**

**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



# 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**

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- ✓ 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

**ENROLL NOW**

## Recommended for you

### Make Your Own Certified Generative AI in Cybersecurity Bundle

**Enrich your skills and advance your career with our exclusive bundle.  
Select any 3 from below for your bundle.**

- ✓ Certified Generative AI Professional
- ✓ Certified Generative AI For Leaders
- ✓ Certification In Generative AI In Risk And Compliance
- ✓ Certification In Generative AI In Software Development
- ✓ Certification In Generative AI In Project Management
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**BUY ANY**

**3**

**CERTIFICATIONS**

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# Thank You



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