

WORLD'S MOST RECOGNIZED CERTIFICATION
PROGRAM

Certified Forward Deployed Engineer

*Build, deploy and deliver production AI where engineering
meets the customer.*

50+

Hours of learning

15 hrs

Live training

13

Modules

- ✓ Globally recognized GSDC certification
- ✓ Daily live sessions from global experts
- ✓ Learn by doing with 3 deployed AI projects
- ✓ Two exam attempts & lifetime access



About GSDC

250,000+

Professionals certified
worldwide

100+

Certifications in the portfolio

500+

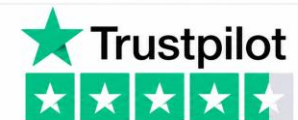
Fortune companies
associated

100+

Global training partners

- Independent, vendor-neutral organization offering certifications in emerging technologies and skill-based frameworks
- Established in 2016 with offices in the US, Singapore and Switzerland
- Certification exams designed by SMEs across the globe
- Supported by thought leaders from Yale, MIT, Stanford, Wharton and Harvard
- Portfolio spans Generative AI, L&D, Cyber Security, ISO Auditing and more

TRUST SCORE



**Our Excellent
4.5 RATINGS**

FEATURED IN



GSDC is an IAS Accredited Certification Body



ISO/IEC 17024

Accredited under the international standard for personnel certification bodies – PCB 168

GSDC is accredited by IAS as a personnel certification body under ISO/IEC 17024. This independent accreditation confirms GSDC's competence and capability to develop and maintain professional certification programs in line with internationally recognized standards.

IAS is a nonprofit, public-benefit accreditation body that has operated since 1975, with programs built on recognized national and international standards. It holds signatory status across major multilateral arrangements — APAC, IAF, and ILAC — ensuring GSDC's accreditation is accepted worldwide.



Also accredited
by ABICB

The 15 Skills Every FDE Needs

01

Discover & Frame

Customer Discovery &
Context Mapping

Problem Framing &
Decomposition

Business Value & ROI
Modelling

02

Engineering Core

Production Software
Engineering

Backend & API Design

Data & Systems
Integration

03

AI Solutioning

Model & Method
Judgment

LLM Systems &
Retrieval

Agentic Systems &
Orchestration

04

Deploy & Operate

Deployment, Cloud &
MLOps

Reliability, Security &
Compliance

Adoption & Change
Management

05

Translate & Influence

Stakeholder Mgmt &
Trusted Advisor

Executive Storytelling
& Demo Craft

Product Feedback
Loop & Scale

 Technical

 Business & client

 Product

Why become a Forward Deployed Engineer?

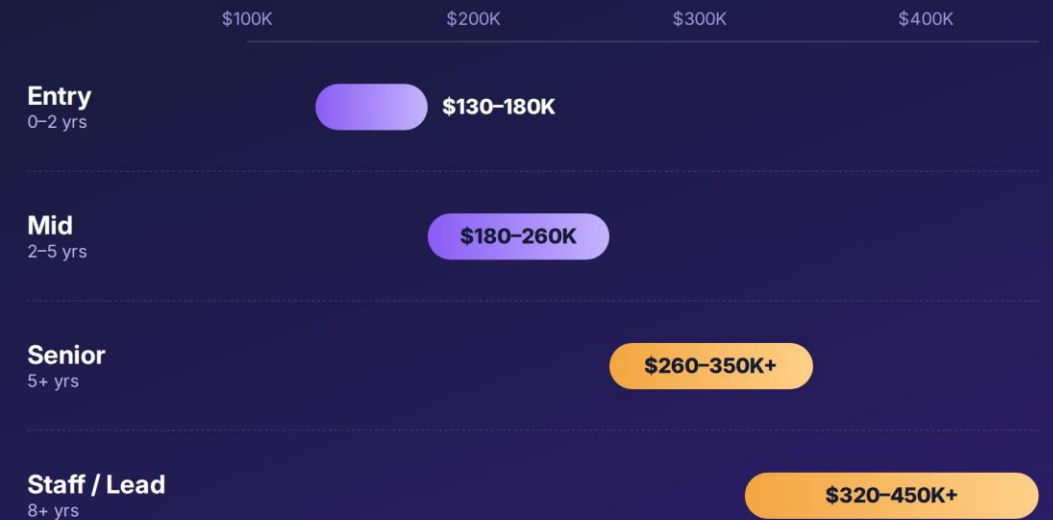
- 1 The CFDE program equips professionals with the technical and professional skills needed to work at the front line of AI and software deployment with enterprise clients.
- 2 It combines production engineering fundamentals with real-world client engagement skills, so you can build, deploy and deliver AI-powered solutions in live enterprise environments.
- 3 Through GSDC's Learn by Doing approach you gain hands-on experience with Python engineering, API design, LLM workflows, RAG, agentic AI and full-stack deployment, building three deployed services and an individual capstone.

Validates expertise across the complete FDE lifecycle, for roles in AI deployment, enterprise consulting and technical client delivery.

CAREER OUTCOMES

FDEs are among the best-paid engineers in AI

US total compensation by level, 2026



\$190K

Median US base salary for FDE roles, from 135 job postings analysed in mid-2026.

Key Highlights & Lifelong Learning

GSDC LIFELONG LEARNING

Certification is the start, not the finish.

1

Your learning program

Live training, videos, Book of Knowledge, SME Connect, 3 projects

2

CFDE certification

Pass the exam and earn your certificate and badge

3

Lifelong learning

Complimentary, continuous, no expiry



15 hours of complimentary live training



Self-paced expert-led videos, lifetime access



Learn by Doing challenges



GSDC Studio daily live sessions



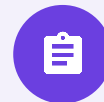
SME Connect (1-on-1)



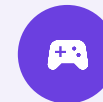
Book of Knowledge & templates



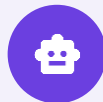
AI-powered capstone project



Exam + 1 free retake & 2 practice exams



Gamified assessments



GSDC AI Utility & Copilot



AI interview practice platform



Job support + GSDC Membership (\$109)

Built for engineers who want to be customer-facing

1

Software & Backend Engineers

who want to move closer to customers and build, deploy and own production AI systems.

2

Solutions, Pre-sales & Customer Engineers

who want deeper hands-on engineering skills to scope, prototype and deliver AI solutions.

3

ML & AI Engineers

who want to take models beyond notebooks into deployed, monitored services.

4

Technical Consultants & Recent Graduates

who want a structured path into forward deployed engineering roles.

The FDE Journey



Three deployed services of escalating complexity, then an individual capstone and mentoring on your first real client engagement.

Industry Case Studies You Will Work On



BANKING & FINANCE

Loan Processing

Thousands of SME loan files a month

- 1 Scattered documents
- 2 Inconsistent credit decisions
- 3 Good borrowers lost

10 days → 1 day loan decision time

Discovery: Reading the documents, not the credit model.



HEALTHCARE

Hospital Discharge

500 beds, hundreds of discharges a day

- 1 Notes in separate systems
- 2 Beds blocked for hours
- 3 Billing leakage

6 hrs → 90 min patient discharge time

Discovery: Writing the summary, not the sign-off.



RETAIL & E-COMMERCE

E-commerce Returns

Thousands of return requests a day

- 1 Unstructured requests
- 2 Inconsistent approvals
- 3 Return fraud

5 days → 2 hrs refund decision time

Discovery: Judging the evidence, not paying the refund.



MANUFACTURING

Machine Downtime

200 machines; one stop halts the line

- 1 Unread sensor data
- 2 Reactive maintenance
- 3 Costly stoppages

12 hrs → 2 hrs monthly downtime per line

Discovery: Linking sensor alerts to past repair logs.



LOGISTICS & SUPPLY CHAIN

Shipment Exceptions

50,000 parcels a day; many delayed

- 1 Alerts in every format
- 2 Manual firefighting
- 3 Penalties and complaints

24 hrs → 1 hr exception resolution time

Discovery: Spotting which exceptions will miss delivery.



TELECOM

Customer Churn

Thousands of complaints a day

- 1 Complaints everywhere
- 2 Repeat complaints
- 3 Silent churn

3 days → 4 hrs complaint resolution time

Discovery: Linking complaints to network issues and churn.

13 Modules: From FDE Mindset to Client Delivery

MODULE 1

FDE Mindset & Problem Structuring

- FDE role vs ML Engineer, Architect, Consultant
- Business-to-technical translation
- First-principles and MECE decomposition

MODULE 2

Production-Ready Python

- Clean, modular, testable functions
- Project structure and configuration
- Error handling, logging, defensive code

MODULE 3

Backend Development & API Design

- REST, HTTP and request-response flow
- FastAPI routes, dependencies, async
- API keys, JWT and API testing

MODULE 4

Data Engineering & Pipeline Thinking

- How data moves through systems
- ETL vs ELT, batch vs streaming
- SQL, NoSQL and vector databases

MODULE 5

ML Foundations & Model Lifecycle

- Supervised, unsupervised, RL
- Training, validation, evaluation
- MLflow and W&B experiment tracking

MODULE 6

Deep Learning & NLP Essentials

- Neural networks and backpropagation
- Transfer learning, pre-trained models
- Tokenization, embeddings, attention

MODULE 7

Prompt Engineering & LLM Workflows

- Zero-shot, few-shot, chain-of-thought
- System prompts and structured output
- ReAct, self-consistency, reflection

MODULE 8

Retrieval-Augmented Generation

- Chunk, embed, retrieve, generate
- FAISS, Chroma and Pinecone
- RAG failure modes and fixes

MODULE 9

Agentic Systems & Orchestration

- Reasoning and tool use
- Tool and function calling
- Multi-step agents and planning loops

MODULE 10

UI Integration & Rapid Prototyping

- Why UI matters with clients
- Streamlit layout, widgets, state
- Connecting UI to backend APIs

MODULE 11

Deployment, MLOps & Cloud

- Git workflows and Docker
- AWS, Azure and GCP basics
- Monitoring, logging, observability

MODULE 12

Client Engagement & Consulting

- Discovery and stakeholder mapping
- Scoping workshops and requirements
- Business case and ROI

MODULE 13

Demo, Storytelling & Delivery

- Structuring demos for impact
- Problem, insight, solution, impact
- Live demos under uncertainty

ASSESSMENT

Certification Exam

40

MCQ

90

Minutes

65%

Passing

2

Attempts

EN

Language

5 yrs

Validity

CFDE Certificate & Digital Badge



A Globally Recognized Certificate From GSDC

- Valid for 5 years
- Shareable digital badge for LinkedIn, your resume and email signature
- Show employers you are skilled to international standards
- Lifetime access to all learning resources.
- Lifetime access to daily 1-hour live sessions from global experts.
- GSDC Membership worth \$109

ENROLL NOW · Use code UPSKILL10 for 10% OFF

Where our learners work & what they say

OUR ALUMNI WORK AT

 TECHNOLOGY	Capgemini Microsoft G IBM tcs TATA CONSULTANCY SERVICES Infosys
 MANUFACTURING	SIEMENS GE BOSCH MITSUBISHI Honeywell 3M
 AUTOMOBILE	TOYOTA BMW Mercedes-Benz TESLA HONDA Ford HYUNDAI
 HEALTHCARE	Johnson & Johnson Pfizer Medtronic Abbott Roche GE HealthCare
 ENERGY & POWER	Shell bp Schneider SIEMENS energy ExxonMobil Chevron
 BFSI	mastercard BANK OF AMERICA VISA J.P.Morgan citi HSBC AMERICAN EXPRESS PayPal

SUCCESS STORIES



NikSaiful N. • 3rd+
Global Digital & Strategic Transformation | ESG & Program Managem...
2w • 🌐

+ Follow ...

I'm happy to share that I've obtained a new certification: Certified Generative AI Professional from **GSDC - Global Skill Development Council!**



Alan Lo, PMP®, CERM™ • 3rd+
Strategic Planning | Long Range Plan | Scenarios | Transformation | Net...
1mo • 🌐

+ Follow ...

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TRUST
SCORE



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Enrollment Options & Special Offer

SINGLE ACCESS

Full access to all resources and one global certification

- ✓ 15 Hours Complimentary Live Training
- ✓ Self-Paced Expert-Led Videos
- ✓ Get 1 Certification
- ✓ SME Connect (1-on-1)
- ✓ Daily Live Sessions from Global Experts
- ✓ Certification Exam + 1 Free Retake & Practice
- ✓ Capstone Project + Job Support Program
- ✓ GSDC Membership worth \$109 free

BUNDLE ACCESS

3 certifications at a discounted price for maximum value

- ✓ Self-Paced Expert-Led Videos
- ✓ Get 3 Certifications
- ✓ Unlimited SME Connect (1-on-1)
- ✓ Daily Live Sessions from Global Experts
- ✓ Certification Exam + 2 Free Retakes & Practice
- ✓ Capstone Project + Job Support Program
- ✓ GSDC Membership worth \$109 free

Build your bundle: CFDE + any 2 of Generative AI Foundation · Emotional Intelligence Professional · GenAI in HR & L&D · GenAI in Cybersecurity · Generative AI Professional



Enroll now with code

UPSKILL10

for 10% off

100% Money-Back Guarantee

- ✓ No questions asked* ✓ 100% refund*
- ✓ No processing fees*

YOUR NEXT STEP

READY TO ADVANCE YOUR CAREER?

Become a Certified Forward Deployed Engineer. Enroll as an individual, or bring GSDC for Business to your team.

ENROLL NOW



Scan to enroll
www.gsdcouncil.org

WHAT YOU WALK AWAY WITH



Globally recognized CFDE certificate & digital badge



3 deployed AI projects + an individual capstone for your portfolio



15 hours of live training + daily expert sessions



Job support, interview practice & lifetime access

1

Enroll

Pick Single or Bundle access

2

Learn & build

Live training, labs and 3 projects

3

Get certified

Pass the exam, earn your badge