

GLOBALLY RECOGNIZED · ISO/IEC 17024 · PCB-168

Certified FDE in Banking

— (CFDEB)

Become a Globally Recognized Forward Deployed Engineer in Banking

Earn the CFDEB credential — embed, build, prove, and scale banking technology solutions end to end: core banking systems, payment rails (ISO 20022, SWIFT, UPI, FedNow), discovery, integration, AI & automation, deployment, security, and client engagement.



4.8/5 Reviews.io (96%) · **4.5/5** Trustpilot · **2,50,000+** certified

Enroll at gsdcouncil.org/certified-fde-in-banking

Why This Certification, Why Now

Banking is modernizing on core platforms, payment rails, and strict regulation — and the engineers who can land on-site, work within bank constraints, and ship integrated, AI-enabled solutions that actually go live are where Forward Deployed Engineers earn their seat.



Banking runs on complex core systems

Core banking, loan origination, cards, and legacy mainframe/batch demand engineers who can build within real bank environments.



Payment rails make or break integration

ISO 20022, SWIFT MT/MX, ISO 8583, UPI, FedNow, and Open Banking APIs separate a demo from a production system.



AI is entering KYC, AML and lending

Document AI, RAG, agentic straight-through processing, and human-in-the-loop triage need real evaluation and explainability.



Compliance is non-negotiable

AML/CFT, PCI DSS, SOX, Basel, GDPR, DPDP, and RBI/central-bank guidance mean security and auditability are designed in from day one.

FROM THEORY TO PRACTICE

What You'll Be Able to Do



Understand the FDE role in banking — embed, build, prove, and scale solutions within client constraints



Master banking fundamentals: retail, corporate, wealth, treasury, NIM, CASA, NPA, and account & loan lifecycles



Work with core banking systems and payment rails — ISO 20022, SWIFT, ISO 8583, UPI, FedNow, Open Banking



Run on-site discovery and build integrations with APIs, OAuth2/mTLS, middleware, connectors, and idempotency



Apply AI to banking workflows — KYC, AML, fraud, credit decisioning, Document AI, RAG, and STP ROI



Deploy securely and compliantly in regulated networks, then handover with runbooks, enablement, and improvement

Why GSDC

★★★★★

4.5 / 5

Trustpilot · Excellent

★★★★★

4.8 / 5

Reviews.io · 96% recommend

2,50,000+

professionals certified

500+

Fortune clients

190+

countries served

Since 2016

US · SG · Switzerland



Independent, vendor-neutral certification body established in 2016 — offices in the US, Singapore, and Switzerland.



Accredited by the International Accreditation Service (IAS) as a Personnel Certification Body, PCB-168, aligned with ISO/IEC 17024.



Alumni work at 500+ Fortune companies across 190+ countries; 100+ Authorized Training Partners worldwide.



Certification built and reviewed with Forward Deployed Engineers, banking technology experts, and solution-delivery leaders.

RECOMMENDED BY

Forbes · Indeed · TechTarget · CareerSidekick · LeanIX · People Managing People · Authentic

**IAS Accredited · PCB-168****ISO/IEC 17024****Vendor-Neutral**

Read verified reviews: trustpilot.com/review/gsdccouncil.org · reviews.io

Our Global Clients

Professionals across technology, cloud, finance, and banking hold GSDC certifications.

Oracle

Amazon

Microsoft

Cisco

Veritas

HP

Bank of America

Deloitte

Volkswagen

IS THIS FOR YOU?

Who Is This Certification For?

- Forward Deployed Engineers (FDEs) and banking technology professionals
- Software engineers, FinTech professionals, and solution architects
- Cloud engineers, data engineers, and data scientists
- AI & machine learning professionals
- Banking product managers and technical consultants
- Digital transformation professionals and IT & engineering leaders in banking

PRE-REQUISITES

There are no mandatory prerequisites for the Certified FDE in Banking certification. However, prior experience in banking, software engineering, FinTech, or technology consulting, along with a basic understanding of banking processes and digital technologies, will be beneficial.

Learn from Experts

Learn from experienced practitioners and industry leaders who bring real-world Forward Deployed Engineering, AI, and banking-technology expertise and practical insights to the program.



Maxim Salnikov

MICROSOFT

Digital and App Innovation Business Lead,
Western Europe



Hayk Hakobyan

INSIGHTGENIE

Co-Founder



Swathi Adimulam

ORACLE

OCI Cloud & AI Architect



Trevor Wiseman

THE CIRCUIT

VP of Technology & AI Governance



Baris Dirim

CULTUREASY

Human Systems Architect

What You'll Learn

16+ hours across 10 domains covering the full Forward Deployed Engineering lifecycle in banking — from foundations to client handover — with real-world scenarios and Learn-By-Doing activities in every domain.

1

Foundations of Forward Deployed Engineering

FDE role, embed-build-prove-scale, client constraints, success metrics

2

Banking Domain Fundamentals

Retail/corporate/wealth/treasury, NIM, CASA, NPA, account & loan lifecycle

3

Core Banking and Systems Landscape

Core platforms, loan origination, cards, digital channels, legacy & batch

4

Banking Data, Payments Rails & Interoperability

ISO 20022, SWIFT, ISO 8583, ACH/RTGS/UPI/SEPA/ FedNow, Open Banking

5

Discovery & Requirements Engineering On-Site

Stakeholder mapping, workshops, process mapping, pilot scoping

6

Solution Build, Integration & Customization

API design, OAuth2/mTLS/HSM, ESB/iPaaS/streaming, idempotency

7

AI and Automation in Banking Workflows

KYC, AML, fraud, credit decisioning, Document AI, RAG, STP, ROI

8

Deployment, Environments & Release Management

Regulated cloud, CI/CD in bank networks, parallel run, cutover, SLAs

9

Security, Risk & Regulatory Compliance

AML/CFT, PCI DSS, SOX, Basel, GDPR, DPDP, RBI, SoD, audit trails

10

Client Engagement, Handover & Improvement

Demos, escalation, runbooks, knowledge transfer, transition to BAU



Capstone Project · Applied FDE in Banking

Deliver an end-to-end banking solution: discovery, payment/core integration, an AI-enabled workflow, secure deployment, and client handover — SME-reviewed and portfolio-ready. Plus 1-on-1 and daily expert sessions.

Domain-by-Domain

Domain 1 — Foundations of Forward Deployed Engineering

- What an FDE does
- FDE vs architect vs consultant
- Embed, build, prove, scale model
- Working in client constraints
- Bespoke vs productized delivery
- Success metrics

Domain 2 — Banking Domain Fundamentals

- Banking business lines: retail, corporate, wealth, treasury
- Deposits, lending, and fee income
- Net interest margin, CASA, and NPA basics
- Key roles: relationship, credit, ops, risk, compliance
- Account lifecycle: onboarding to closure
- Loan lifecycle: origination to collections

Domain 3 — Core Banking and Systems Landscape

- Core banking platforms and modules
- Loan origination and servicing systems
- Card management and merchant systems
- Digital channels: net banking, mobile, branch
- Treasury, GL, and reconciliation systems
- Legacy mainframe and batch constraints

Domain 4 — Banking Data, Payments Rails & Interoperability

- ISO 20022 and SWIFT MT/MX
- Domestic rails: ACH, RTGS, NEFT, IMPS, UPI, SEPA, FedNow
- Card networks and ISO 8583
- Open Banking and account aggregator APIs
- Customer, account, and party data models
- Reconciliation, settlement, and cut-off cycles

Domain 5 — Discovery & Requirements Engineering On-Site

- Stakeholder mapping across business, IT, and risk
- Discovery workshops with ops and credit teams
- As-is process mapping
- Problem statements and acceptance criteria
- Pilot scoping in a regulated environment
- Scope control and change requests

Domain-by-Domain

Domain 6 — Solution Build, Integration & Customization

- API design and consumption
- Authentication: OAuth2, mTLS, HSM-backed keys
- Integration patterns: ESB, iPaaS, event streaming
- Custom connectors to core systems
- Idempotency, retries, and exactly-once handling
- Error handling and observability

Domain 7 — AI and Automation in Banking Workflows

- High-value use cases: KYC, AML alerts, fraud, credit decisioning, collections, service assist
- Document AI: KYC docs, statements, loan files
- RAG over policy, product, and procedure documents
- Agentic workflows and straight-through processing
- Human-in-the-loop and alert triage queues
- Model risk management, bias, explainability; ROI (STP rate, false-positive reduction, handling time)

Domain 8 — Deployment, Environments & Release Management

- On-prem, private cloud, and regulated cloud models
- Environment strategy and data seeding
- CI/CD in restricted bank networks
- Configuration, secrets, and key management
- Cutover, parallel run, rollback, and hypercare
- Monitoring, alerting, and SLAs

Domain 9 — Security, Risk & Regulatory Compliance

- PII and financial data handling
- AML/CFT, KYC, and sanctions screening obligations
- PCI DSS, SOX, Basel, GDPR, DPDP, RBI/central-bank guidance
- Data residency, retention, and masking
- Access control, segregation of duties, and audit trails
- Regulatory reporting and auditability of automated decisions

Domain 10 — Client Engagement, Handover & Continuous Improvement

- Stakeholder communication and demos
- Expectation setting and escalation
- Runbooks and documentation
- Knowledge transfer and enablement
- Support model and transition to BAU
- Feeding learnings into the roadmap

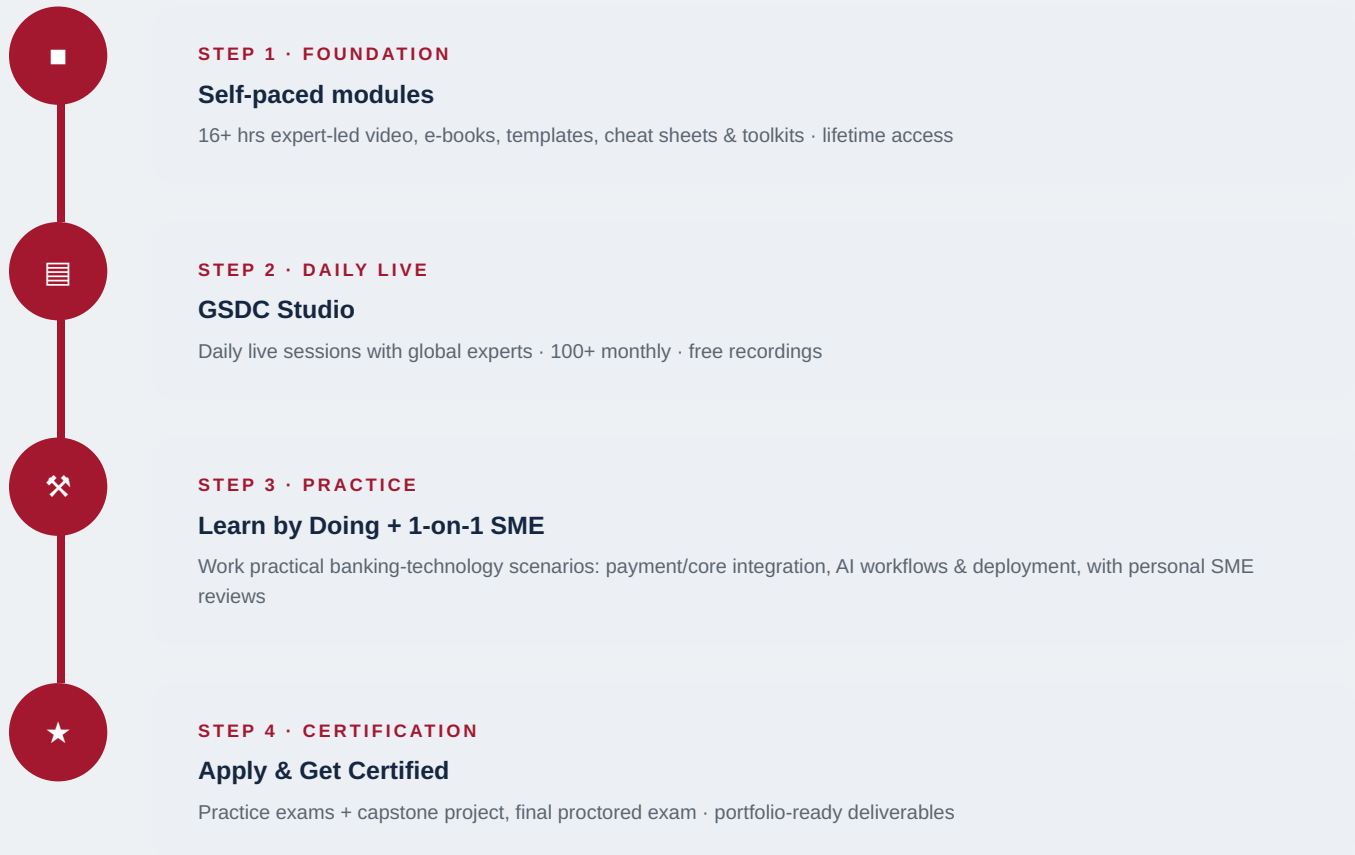


Capstone Project · End-to-End FDE Delivery

— Take a banking client scenario from discovery through payment/core integration, an AI-enabled workflow, secure deployment, and handover — SME-reviewed, portfolio-ready. Plus 1-on-1 and daily expert sessions.

A Guided Path to Certification

Self-paced study, daily live sessions, personal mentoring, and hands-on practice — finish at your own pace.



Move at your own pace. Study self-paced with lifetime access to all materials, live sessions, and recordings.

ALL IN ONE ENROLLMENT

Everything Included



Exam & What to Expect

This is a certification, not a course. Study self-paced with the materials provided (plus live support), then sit a proctored online exam. Lifetime access to materials, plus 2 practice exams.

40 EXAM QUESTIONS	MCQ EXAM FORMAT	65% PASSING SCORE	90 min DURATION
English LANGUAGE	No OPEN BOOK	5 Years VALIDITY	Yes FREE RETAKE

IS THIS FOR YOU?

Where CFDEB Takes You

YOUR ROLE	HOW CFDEB HELPS YOU	CAREER OUTCOME
Banking Technology Professional	Master core systems, payment rails, and integration delivery.	→ Banking Solution Engineer
Software / FinTech Engineer	Build APIs, connectors, and payment integrations within bank constraints.	→ Forward Deployed Engineer
AI / ML Professional	Ship KYC/AML, fraud, Document AI, and RAG workflows with evaluation.	→ Banking AI Engineer
Solution / Enterprise Architect	Design interoperable, standards-based banking solutions.	→ Banking Solutions Architect
Cloud / Data Engineer	Run secure, compliant deployment in regulated bank networks.	→ Banking Platform Engineer
Digital Transformation Leader	Drive AI-enabled modernization across banking workflows.	→ Head of Banking Transformation



7-Day Money-Back Guarantee

Enroll with zero risk — full 100% refund within 7 days if you feel you haven't gained the skills you're looking for. Includes a complimentary exam retake and lifetime access to your materials.

 Chat on WhatsApp

 Book a 10-min advisor call

Choose Your Plan

Single Access

1

CERTIFICATION

- ✓ Self-paced expert-led videos + GSDC Studio
- ✓ 3 SME Connect (1-on-1) sessions
- ✓ Capstone Project + Job Support + membership (\$109 free)
- ✓ Exam + 1 free retake & practice

Bundle Access

MOST POPULAR

3

CERTIFICATIONS

- ✓ Everything in Single, across 3 certifications
- ✓ Unlimited SME Connect (1-on-1)
- ✓ Exam + 2 free retakes & practice
- ✓ Most-chosen by serious learners

Region-specific pricing shown at enrollment · Teams? Ask about GSDC for Business.

Enroll Now → gsdcouncil.org/certified-fde-in-banking

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