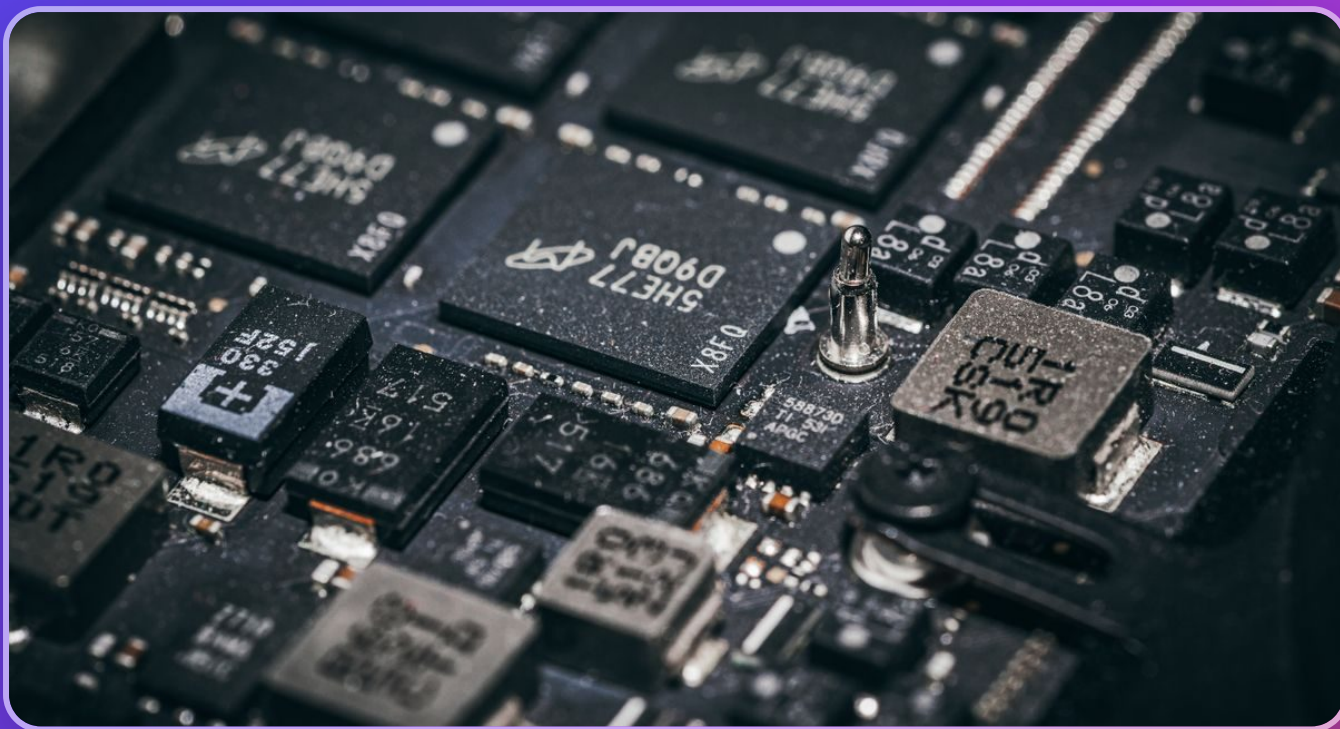




FRONTIER TECH • ADVANCED • PHYSICAL AI, ROBOTICS, SPACE & DEEP TECH — 2026'S
COMMERCIAL EDGE

Edge AI & Embedded Intelligence

Localized intelligence for factories, vehicles, retail and robots: model compression, edge hardware, on-device agents and fleet MLOps — where latency, privacy and physics rule.

 4 weeks

 Live online + device lab kits

 4.8 · 120+ trained

PROGRAMME OVERVIEW

About this programme

The centre of gravity for inference is moving to the edge: factory lines, vehicles, stores and robots increasingly run models locally for latency, privacy, resilience and cost. This program trains engineers to ship intelligence onto constrained hardware — quantisation and distillation, accelerator selection, on-device language and vision models, and the fleet-scale MLOps that keeps thousands of deployed devices observable, updatable and safe.

OBJECTIVES

What this programme sets out to do

- ✓ Build a working command of edge fundamentals
- ✓ Go deep on model engineering
- ✓ Develop practical skill in fleet operations
- ✓ Master capstone

AT A GLANCE

Key facts

CATEGORY Frontier Tech	LEVEL Advanced
DURATION 4 weeks · ≈ 24 contact hours	FORMAT Live online + device lab kits
COHORT SIZE Public & private cohorts	RATING 4.8 / 5 (120+ trained)
LANGUAGES 12+ (English, Hindi, Kannada ...)	CERTIFICATE Verifiable digital credential

WHO IT'S DESIGNED & DELIVERED FOR

Cohorts

Embedded, platform and ML engineers; IoT and manufacturing-systems teams. C/C++ or Python required.

Embedded

platform

ML engineers; IoT

manufacturing-systems teams

Pre-requisites

- Working proficiency in Python.
- A laptop for the hands-on segments.
- One or two real use-cases from your work to apply the learning to.

Tentative duration & effort

4 weeks

- ≈ 24 total contact hours
- Live online + device lab kits
- Pacing adapts to your cohort; private cohorts can be re-scoped

WHAT YOU TAKE AWAY

Tangible outputs

- A verifiable, shareable digital certificate
- A role-specific prompt / playbook library
- Qube AI copilot access during the programme
- Session recordings and all working materials
- Entry to the Qubicon alumni community & office hours

MODULE - BY - MODULE

What we cover

MODULE	KEY TOPICS COVERED	HRS*
01 Edge fundamentals	Latency, privacy, resilience economics · Accelerator landscape · Power and thermal budgets · Lab: baseline benchmark	6
02 Model engineering	Quantisation and distillation · Small language models on device · Vision pipelines at the edge · Lab: compressed model deploy	6
03 Fleet operations	OTA update strategies · Telemetry and drift detection · Fail-safe and offline design · Lab: fleet dashboard	6
04 Capstone	Edge architecture defence · Cost and privacy review · Production checklist · Certification	6

*Indicative contact hours per module; tuned to your cohort's pace and any private-cohort customisation.

TOOLS & TECHNOLOGIES

What you'll work with

ONNX Runtime

TensorRT

llama.cpp

Jetson-class devkits

K3s/fleet tooling

Qube copilot

PROGRAMME OUTCOMES

What you'll be able to do

- ✓ Select edge hardware and accelerators against real workloads
- ✓ Compress models: quantisation, pruning, distillation with quality gates
- ✓ Deploy on-device vision and language models with local fallbacks
- ✓ Design fleet MLOps: OTA updates, telemetry, drift detection
- ✓ Build privacy-preserving architectures that keep data on site

Delivery & certification

- Live, expert-led sessions with hands-on labs and mentoring
- The Qube AI copilot supports every learner between sessions
- Delivered in 12+ languages with domain-accurate translation
- Verifiable digital certificate — verify any code at qubiconai.com/verify

Investment

\$250 /hr · **₹9,499** /hr

- **Individuals:** enrol & pay online (cards / UPI)
- **Enterprises:** quote → PO → GST invoice → net-30, zero upfront
- Private cohorts, on-site delivery & volume rates on request



For corporates & institutions

- Private cohorts engineered around your stack, data and use-cases
- Curriculum built by principal instructors with the Qube engine
- Capability analytics: engagement, skill-lift and applied-project ROI
- Procurement-friendly: quote → PO → GST invoice → net-30, zero upfront
- MSA, data-security review and on-prem / VPC delivery supported

For individual learners

- Enrol and pay online — cards, UPI or Razorpay
- Live, expert-led sessions (never pre-recorded)
- A verifiable certificate you can share with employers
- The Qube AI copilot supporting you between sessions
- Recordings, materials and an active alumni community

WHY QUBICON.AI

50K+

PROFESSIONALS TRAINED

650+

ENTERPRISE CLIENTS

50+

COUNTRIES SERVED

98%

SATISFACTION SCORE

- Live and expert-led — taught by practitioners who ship AI
- Qube, an adaptive AI copilot, for every single learner

- Verifiable, shareable certification employers trust
- Delivered in 12+ languages, localised to your teams
- Curriculum engineered around your industry and stack



Ready to begin?

Enrol, request a private cohort, or book a free 30-minute consult — our team replies within one business day.

WEBSITE

www.qubiconai.com

Programmes, catalogue & enrolment

EMAIL

contact@qubiconai.com

Corporate & institutional enquiries

OFFICES

Bengaluru · San Francisco

India & USA · delivery in 50+ countries

BOOK A CONSULT

qubiconai.com/book

Free 30-minute capability call

Enrol or request this programme for your team

Reference QBN-EDGE-AI-EMBEDDED-INTEL · Edge AI & Embedded Intelligence

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