iSAQB® Certified Professional for Software Architecture - Foundation Level (English, CPSA-F) (CPSAF)

In this seminar, you will experience the full software architecture process based on a concreate case example. The examination for the iSAQB® Certified Professional for Software Architecture will be taken at the end of the seminar.

INHALTE

Basics

- Role and tasks of the software architect
- Architecture in the software lifecycle
- Relationship between architecture and organization (Conway's Law)
- Project vs. architecture goals
- Requirements, constraints and quality models

Design

- Correct cutting of blocks and interfaces
- Principles and heuristics
- Domain Driven Design
- Architectural Patterns (Layers, SOA, Microservices, ...)
- Design Pattern (Adapter, Factory, Observer, ...)
- Cross-cutting concerns (logging, error handling, virtualization, ...)
- Design decisions

Description and communication

- Different views: system, building block, runtime, deployment
- Modelling with UML
- Templates (arc42)

Quality

- Architecture metrics
- Measure software architecture continuously
- Review with ATAM

Many practical examples and tips.

Course Language is English.

PREIS P. P.

€ 2340,- (zzgl. MwSt.)

DAUER

4 Tage (09:00 - 17:00 Uhr)

SIE HABEN FRAGEN?

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https://www.tectrain.at/seminare/programmierung/management/isaqb-certified-professional-for-software-architecture-foundation-level-cpsa-f-english

ZIELGRUPPE

Software Architects, Software Developer

VORAUSSETZUNGEN

Practical programming experience and basic knowledge of UML are beneficial for effective participation in this seminar.

ZERTIFIZIERUNG

After successfully completing the seminar, the certification exam can be taken online at any time. Booking for this is possible when registering for the seminar. You will receive information about registering for the exam when the seminar begins.

Opt. Zertifizierungsgebühr: € 250,- zzgl. MwSt.

ABSCHLUSS

Nach Seminarabschluss erhalten Sie ein tecTrain-Teilnahmezertifikat.

We are an officially accredited training provider of the International Software Architecture Qualification Board (iSAQB). You can find our accreditation certificates on the Certifications and Partners page.