



Foundation Level

Profound and pragmatic introduction to software architecture



Taking on the role of a software architect is an increasingly important task that requires profound training. The iSAQB[®] Certified Professional for Software Architecture (CPSA[®]) program offers you a globally recognized, standardized education and advanced training scheme in three levels: While the Foundation Level teaches the basics, the Advanced Level is aimed at interested parties with advanced knowledge. The Expert Level is currently still being planned.

BROAD BASIC KNOWLEDGE FOR SOFTWARE ARCHITECTS

Being certified at Foundation Level, you will be able to independently create and document the architecture of a system, and to assure and evaluate its quality. You will also gain knowledge of the required tools.

The training for the Foundation Level provides you with the necessary knowledge and skills to design and document software architecture for small and medium-sized systems that is appropriate to the problem.

Skills that a training at Foundation Level provides:

- The concept and meaning of software architecture,
- tasks and responsibility for you as a software architect,
- your role as a software architect in projects, and
- state-of-the-art methods and techniques for the development of software architectures.

The focus is on acquiring the following skills:

- Coordinate essential software architecture decisions with other project participants from the fields of requirements management, project management, testing, and development,
- document and communicate software architectures based on architecture patterns and technical concepts, and
- understand the essential steps in designing software architectures and carry them out independently for small and medium-sized systems.



EXAMINED BY INDEPENDENT PARTIES

As with all CPSA® certifications, the Foundation Level (CPSA-F®) exam is being conducted by independent certification bodies. The basis is a demanding, non-public catalogue of questions developed by the iSAQB® in accordance with the curriculum, from which a subset is being selected as examination questions. Attendance at a course offered by an accredited training provider is recommended, but not a prerequisite to sign up for CPSA-F® certification.

HOW DOES CERTIFICATION AFFECT YOUR CAREER?

The trainings offer professional tools to implement software architectures and to optimally design modern systems. The certification is a seal of approval for your employer as well as your customers, and supports you in your personal development.

This qualification is increasingly sought after and demanded by industry and universities. Many universities have already adapted their curricula accordingly.

FIND THE RIGHT TRAINING

For further information on trainings, please visit our website. Our training finder will show you all trainings in your area.

International Software Architecture Qualification Board

Phone: +49 331 951 367 10

info@isaqb.org | www.isaqb.org