



iSAQB[®] Certified Professional for Software Architecture – Foundation Level

Sound and Pragmatic Introduction to Software Architecture



SOFTWARE ARCHITECT – A KEY PROFESSION FOR THE DIGITAL FUTURE

The profession of software architect plays a crucial role in our digitalized world. Without them, modern IT solutions and future-oriented technologies would be unthinkable. In order to meet the challenges of this important profession, sound training is essential. The **iSAQB[®] Certified Professional for Software Architecture (CPSA[®])** program provides a globally recognized, standardized training and further education scheme for this – structured in three levels:

Foundation Level: teaches the basics of software architecture

Advanced Level: for professionals with advanced knowledge who wish to deepen their expertise

Expert Level: the highest certification level for software architects

Strengthen your skills – for software architectures that set standards!

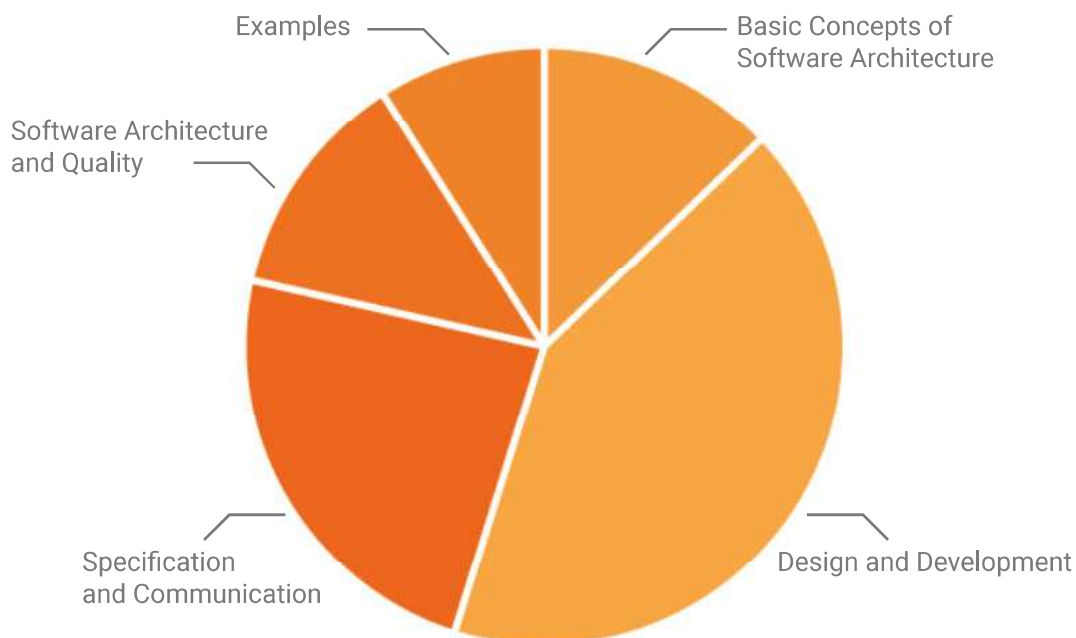
HOW DOES A FOUNDATION LEVEL CERTIFICATION AFFECT YOUR CAREER?

Foundation Level training courses offer professional tools for implementing software architectures and optimally design modern systems. The CPSA®-Foundation Level certification is a valuable seal of quality for your employer and your customers and offers many advantages for professional development.

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

Contents of the Foundation Level:

- Concept and meaning of software architecture
- Tasks and responsibilities of software architects
- The role of software architects in projects
- State-of-the-art methods and techniques for developing software architectures



BROAD BASIC KNOWLEDGE FOR SOFTWARE ARCHITECTS

The CPSA®-Foundation Level teaches the ability to design and document an appropriate software architecture in a team for properly described requirements and systems up to a medium size, to ensure and evaluate quality and to know the tools necessary for this.

Skills that the Foundation Level training teaches:

- How to successfully coordinate key software architecture decisions with other project participants from the areas of requirements management, project management, testing, and development.
- How to optimally document and communicate software architectures on the basis of architecture patterns and technical concepts.
- How to understand key steps in the design of software architectures and how to carry them out independently for small and medium-sized systems.



AUDITED BY INDEPENDENT BODIES

As with all CPSA® certifications, the Foundation Level exam (CPSA-F®) is also conducted by independent certification bodies. The basis for this is a demanding, non-public question catalog developed by the iSAQB® in accordance with the syllabus, from which a subset is selected as exam questions.

Preparation for the exam

To prepare for the Foundation Level exam, it is highly recommended that you take part in a classroom training course or an online training course from an accredited training provider. An accredited CPSA-F® training course usually lasts three to four days and covers all relevant topics for the exam. However, it is also possible to take the CPSA-F® exam directly without attending a Foundation Level training course.

Forms of examination at Foundation Level:

- **Online/remote exam:** You can take an online/remote exam from the comfort of your own home PC.
- **Exam directly after the classroom training:** Many training providers allow you to take the CPSA-F® exam directly after the classroom training.
- **Public examination:** Dates for public CPSA-F® examinations can be booked directly with recognized certification bodies.
- **Exam in test centers:** You can take a CPSA-F® exam in PEARSON VUE test centers in over 190 countries worldwide.

Find your training!

Further information: www.isaqb.org

