Course code: BESA

A solution architect designs a solution in such detail that it can then be analyzed in greater detail by analysts and then implemented. In doing so, they must take into account not only the world of IT, because the solution to a need does not consist only in programming an application, but has a much broader impact. And even today, there are solutions that do not need programmers during implementation.If you are attracted to the role of a solution architect as part of your career development, or if you are "left" to do so, you are not sure of your space and powers, or if you have come into contact with a solution architect as a developer, technical designer, analyst or other team member, then this is a course designed just for you.

Who is the course for
- Candidates for the role of solution architect
- Developer
- IT Analyst
- Software Specialist (Architect)
- Business and enterprise architect with the need for a broader overview

What we teach you
- Getting to know solution architecture and its context
- Developing a more holistic view of the solution
- Effective solution modeling for better communication
- Practice on a more complex example
- Introduction to the characteristics of a solution architect
- Possibilities to discuss different approaches

Required skills
- Basic IT Awareness
- Basic awareness of the implementation of requirements
- Desire to learn something new
- Willingness to discuss different approaches

Course outline
Putting the solution architecture into context
- Change, need, solution, stakeholder, benefit, connection
- Source of changes and solutions: VMOST analysis (motivation for change)
- Types of architectures and their relationships (enterprise, solution, software, integration, data and information...)

Solution proposal
- Getting to know the assignment
- Preparation – big picture
- Finding and choosing a solution
- Deciding on the "right" solution

Solution Architecture Modeling
- Reasons for modeling
- Business solution (ArchiMate, BPMN)
- Application solution (ArchiMate, UML)
- Technological solution (ArchiMate, UML)

What makes a good solution architect
- Characteristics, responsibilities
- Character traits
- Soft skills

Example(s)

- The issue will be demonstrated on a more complex case, which will be elaborated by the participants.

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