Dragon1
Architecture Foundation

Job Description Technical Architect

1. General Data

Organization   : [Name organization]

Job Name   : Technical Architect

Version   : 2.3f

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a. Position within the organization

The Technical Architect reports to the manager of the architecture team. Functionally and hierarchically the Technical Architect reports to a previously appointed mandated owner/client within the organization for which the Technical Architect is carrying out an architecture design assignment. In practice, in large projects, the Technical Architect reports to the Enterprise Architect.

b. Organization Chart

The architecture team is a staff department/function of the Executive Board. The architecture team is assigned to the corporate staff. The architecture team reports to the CIO. The Technical Architect precedes business and IT management because of the position of the architecture team in the organization.

2. Primary Duties

The Technical Architect mainly creates architecture designs of large and complex systems in the enterprise with the aim to make the systems sustainable and future-proof after they have been realized. Examples of architecture designs are: a chain IT Infrastructures, IT Infrastructure, networks, platforms, middleware and software solutions.

The Technical Architect develops and keeps up to date the Technical Architecture of the IT Infrastructure including networks, security, application management, data management, Internet, IT service management, data / telecommunication, platforms and workflow and collaboration systems based on the strategic starting points and preconditions of board and management.

The Technical Architect has the following specializations: networking, middleware, platforms and types of IT Infrastructure which he often designs. He also has an extensive knowledge of Technical reference architectures as SWTA. He is an experienced technology consultant who is creative and can design well.

The Technical Architect has an extensive knowledge of various concepts and principles, trends and

developments of the types of IT Infrastructures present in the companies for which he works.

The Technical Architect is a generalist at the strategic level and a specialist at tactical and operational level. He can concretize ideas and vision into realistic designs of entire companies or large parts of it.

The Technical Architect is a fully skilled information science and telematics specialist and has an overall knowledge in business administration.

3. Result / Performance areas and main activities

a. Technical Architect and [Name organization]

Works mostly independently or in a team, shares own experiences and ideas. He values the importance of project evaluations to learn from it for himself and for his clients. The Technical Architect works for the Enterprise Architect in large and complex projects.

Works with own enterprise architecture tools in the organization and/or with enterprise architecture tools of clients and takes into account how the owner/client and stakeholder react on it. Examines the extent to which the particular architecture tool solves the issues where the tool is initially purchased for.

Shares knowledge and experience with his fellow architects of [name of organization] and builds a network. For this purpose, the Technical Architect provides his knowledge and experience of the field to the knowledge network of [name of organization] and contributes to the by [name of organization] organized activities.

Develops continually knowledge and skills that are important for an adequate job performance and job development. To this end, the Technical Architect writes with his manager an individual development plan. The Technical Architect carries it out and participates by [name of organization] organized relevant training and education.

b. Technical Architect and the Owner/Client

Is responsible for creating, identifying, planning, communicating and monitoring the architecture part of the information plan and advises the board and management.

Use architecture and design as translation between mission and vision on the one hand and policy development and on the other hand.

Contributes to the structure of the organization and the consistency in business processes, information, applications and IT Infrastructure and used tools and technology.

Contributes to substantively change and know how to obtain this internal support.

Is continuously managing the tension between short-term needs and long-term policy.

Is responsible for identifying the technical standards, starting points and principles that guide the selection, development and implementation of the information facilities.

Contributes to the standardization, conform architecture principles, and the related reduction in

complexity and cost of processes and the required IT Infrastructure.

Is engaged in tracking and anticipating external and internal developments and incorporates them into the different architectures.

Is responsible for co-writing project starts architectures for projects. Transfers and explains these documents to the project team members.

Evaluates projects in compliance with the architecture.

Manages projects network managers, - specialists and technology consultants.

Some specific tasks of the Technical Architect are: creating and helping to use the professional architecture products, giving workshops, providing remote project management and reviewing plans, projects, designs and architectures.

c. Technical Architect and Professional Products

Some important professional products that are created by the Technical Architect are:

Architecture notes and – memos, architecture annual plan, technical architecture roadmap, technical architecture blueprint, technical architecture structure vision, technical architecture domains model, technical architecture functions model, technical architecture technical model, total concepts, distribution-chain models, architectures, architecture designs, reference architectures, functional specifications, cost estimates, stakeholder analysis, master plan, user requirements, program of requirements, scenario analysis, impact analysis, risk assessments, views of models from different viewpoints and architecture visualizations.

4. Evaluation criteria (evaluation of the performance of the architect)

- The extent to which the goals, deadlines and results have been achieved, as defined by the client and / or project description

- The degree of satisfaction of the client, whether the Technical Architect met the expectations of the client, specified in the evaluation of the assignment.

- The degree of satisfaction of the employees of the department(s) of the client, measured in the evaluation by the client.

- Degree of transfer and assurance of achievements to the successor of the Technical Architect at the client.

- The extent to which relevant knowledge from a particular assignment is secured in the knowledge network of [name of organization].

- The extent to which a contribution is made to network and job development of [name of organization] at the client.

5. Work Contacts

a. Contacts at [name organization]

Manager, fellow architects, other colleagues.

b. Contacts at Client

Internal:
Enterprise and Technical Architects, process designers, information managers, project leaders for process-oriented innovations, other IT functions and IT auditors.

External:
The main external contacts are: suppliers of solutions and chain - and market participants. These relationships are usually informative and negotiated by nature.

6. Decision Responsibilities

The decision responsibilities varies per assignment. It depends on the type of assignment, the position of the Technical Architect and the organization in which the Technical Architect is working. The decision space should be documented in the assignment.

7. Knowledge, experience and competence profile

a. Basic Qualifications:

Higher Professional Education skilled. Additional training in technical, organizational and business disciplines.

b. Preferred Qualifications:

Broad experience with Technical Architectures. Microsoft products and technologies (.NET, C #, Bizztalk)

Front-end and front-office applications (e-commerce, portals).

The Technical Architect will have an overall knowledge of enterprise architecture, information architecture and business architecture.

c. Experience:

Minimum 5 years of experience in IT functions, and at least 3 years as a consultant or designer in large

complex programs for directors and management.

d. <u>Competence Profile:</u>

Competence	Level
1. Collaborate	3
2. Vision	3
3. Strategic thinking	3
4. Analytical thinking	3
5. Organization sensitivity	3
6. Creativity	4
7. Entrepreneurship	3