



## **TECHNICAL ARCHITECT**

### **GENERAL RESPONSIBILITIES**

Under the direction of the Director of Technology for infrastructure, the position is responsible for providing leadership, facilitation, analysis, and design tasks required for the development of an enterprise's architecture. The technical architect proactively and holistically leads and supports activities that guide the development and management of technical and infrastructure solutions. Technologies include but not limited to data center, infrastructure, cloud, and mobile platforms.

### **ESSENTIAL TASKS**

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Lead evaluation, design, and analysis of enterprise-wide solutions.
- Create deliverables that help develop target-state guidance (reusable standards, guidelines, individual parts, platforms, and configurations) for evolving the technical infrastructure across the enterprise, to enable business strategy and deliver targeted strategic outcomes.
- Perform network modeling, analysis, and planning, including analysis of capacity needs for network infrastructures.
- Collaborate with information security, application, and infrastructure teams to produce optimal designs.
- Oversee and facilitate the research, evaluation, and selection of hardware and software technology and product standards, as well as the design of standard configurations.
- Conduct cost-benefit analysis to determine the viability of projects.
- Identify the organizational impact of processes, structures and culture of the division.
- Evaluate network designs to determine whether customer requirements are met efficiently and effectively.
- Produce technical documentation of systems and architectures.
- Ensure compliance of solutions to all relevant standards.
- Act as a consultant on a broad range of technologies, platforms, and vendor offerings.
- Assist with troubleshooting systems issues as they arise
- Perform related work as required.

### **KNOWLEDGE, SKILLS AND ABILITIES**

Must have an in-depth knowledge of enterprise systems, networking modules, and software integration, and computer hardware and networking systems. Must have a good understanding of agile principles and development methodologies. Must have an understanding of technology trends and the practical application of existing, new, and emerging technologies to enable new and evolving business and operating models. Must have the ability to articulate innovative ideas and concepts to technical and nontechnical audiences; ability to work creatively and analytically to solve business problems; ability to effectively work in a team environment and lead cross-functional teams; and the ability to logically problem solve complex IT issues. Must be able to demonstrate leadership and project management skills. Must have experience delivering presentations to senior-level executives and technical audiences; and developing architecture blueprints, strategies, and roadmaps.



**EDUCATION AND EXPERIENCE**

**Required:** Bachelor of Science degree, a strong background in application and solution development, and experience working in a relevant industry.

**Preferred:** Industry relevant certifications and five years or more of architecture design and implementation experience.

A comparable amount of training and experience may be substituted for the minimum qualifications.

**PHYSICAL REQUIREMENTS**

Must have the use of sensory skills to effectively communicate and interact with other employees and the public using the telephone and personal contact as normally defined by the ability to see, read, talk, hear, handle, or feel objects and controls. Frequent sitting, walking, bending, grasping, fingering, repetitive motion, and reaching. Occasional standing and stooping. Work involves moderate exposure to loud noise. The ability to lift up to 20 pounds frequently. Requires timely and regular adherence to established work schedules.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

**SPECIAL REQUIREMENTS**

Possession of a valid driver's license

Regular and reliable attendance is an essential function of this position.

FLSA status: Exempt	Description: 1/21
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