

Technical Architect

JOB INFORMATION			
Job Code:	165459		
Job Title:	Technical Architect		
FLSA Status:	Exempt		
Supervisory:	Leads employees performing similar work on a project basis.		
Job Family:	Technical Project Management		
Job Family Group:	Information Technology		
Management Level:	7 Individual Contributor		

JOB SUMMARY

Provides technical leadership, analysis and design facilitation across business, information, technical and solution viewpoints and enterprise architecture. Partners with business teams and stakeholders to scope projects and define high-level requirements. Develops appropriate enterprise-level application and custom integration solutions. Ensures that system architectures are functional, robust and appropriate for the specific business and technical needs. Defines multi-year architectural evolution and roadmaps for university-wide improvements that align with the reference architectures. Conducts research in emerging technologies and continuously identifies technologies with high-potential business value. Develops and integrates technology acceleration and innovation processes. Serves as a Subject-Matter Expert.

JOB QUALIFICATIONS:

Education				
Req	Pref	Degree	Field of Study	
Χ		Bachelor's degree		
	Χ	Master's degree	Computer Science	Or
	Χ	Master's degree	Computer Information Systems	Or
	Χ	Master's degree	Business Administration	

Additional Education

Check here if experience may substitute for some of the above education.

Combined experience/education as substitute for minimum education

Work Experience

Req	Pref	Work Experience	Experience Level	
Χ		10 years		

Additional Work Experience

Check here if education may substitute for some of the above work experience.

Combined experience/education as substitute for minimum work experience

Knowledge, Skills and Abilities

Req	Pref	Functional Skills				
Χ		ecognized subject matter expertise in at least one IT discipline (e.g., Networking, Information Security, High- erformance Computing, Cloud Computing, Software Engineering, IT Infrastructure).				
Χ		Excellent presentation and communication skills.				
Χ		emonstrated ability to lead in a highly matrixed, heavily federated organization through a combination of offluence, partnership, and authority.				
Χ		The ability to create original concepts/theories for various projects and to work independently.				
	Χ	Recognized subject matter expertise in multiple IT disciplines (e.g., Networking, Information Security, High Performance Computing, Cloud Computing, Software Engineering, IT Infrastructure).				
	Χ	Strong analytical, research and conceptual skills.				
	Χ	Ability to develop and maintain key relationships to achieve business objectives essential.				
	Χ	Extensive knowledge in the use of Project Management and Enterprise Architecture methodologies and tools.				
	Χ	Strong leadership skills.				

Other Job Factors

JOB ACCOUNTABILITIES

	% Time	Essential	Marginal	N/A
Provides technical leadership, analysis and design facilitation across business, information, technical and solution viewpoints and enterprise architecture. Leads the effective integration of the enterprise architecture process with other related processes (e.g., investment, enterprise program, IT portfolio and project management) for the university.				
Partners with business teams and stakeholders to scope projects and define high-level requirements. Develops appropriate enterprise-level application and custom integration solutions including major enhancements and interfaces, functions and features and validates that the proposed solution architecture supports the stated and implied business requirements. Drives solution architectures from ideation through release and support.				
Ensures that system architectures are functional, robust and appropriate for the specific business and technical needs. Reviews technical team deliverables for compliance with architecture standards, guidelines and leverages best practices. Plans and leads transitions to integrated infrastructures, identifying training needs and delivering training as needed. Ensures delivered solutions are monitored, have a support plan, and adequate business controls. Provides architecture and technical support during production incidents.				
Defines multi-year architectural evolution and roadmaps for university-wide improvements that align with the reference architectures.				
Conducts research in emerging technologies and continuously identifies technologies with high-potential business value and specifies their appropriate usage in developing business solutions. Conducts technology trends studies and publishes trend reports on an annual basis.				
Develops and integrates technology acceleration and innovation processes with the overall project management practices, Engineer-to-Engineer processes, and software development lifecycle.				
Serves as a Subject-Matter Expert (SME) to individual projects in the areas of IT architecture and technology selection decisions.				

Other Requirements

Essential:	Emergency Response/Recovery	Essential:	Mandated Reporter
	In the event of an emergency, the employee holding this position is required to "report to duty" in accordance with the university's Emergency Operations Plan and/or the employee's department's emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those		A mandated reporter who in his or her professional capacity has knowledge of, or reasonably suspects a person who is under the age of 18 years, elderly, or a dependent adult has been the victim of abuse or neglect must report the suspected incident. The reporter must contact a designated agency immediately or as soon as practically possible by

Other Red	quirements			
Essential:	Emergency Response/Recovery	Essential:	Mandated Re	porter
	plans is required. During or immediately following an emergency, the employee will be notified to assist in the emergency response efforts, and mobilize other staff members if needed.		telephone or in writing within 36 hours. By virt of the associated job duties, this position qual as a mandated reporter as required by state la and USC's policy at: https://policy.usc.edu/mandated-reporters/	
Campus Security Authority (CSA)				Essential:
By virtue of the associated job duties, this position qualifies as a Campus Security Authority as required by law and USC's policy at: https://dps.usc.edu/alerts/clery/				No

ACKNOWLEDGMENTS

The above statements reflect the essential and non-essential functions as necessary to describe the principle contents of the job. They are not intended to be a complete statement of all work requirements or duties that may be required of the position. I understand that I may be asked to perform other duties as assigned. USC reserves the right to add or change duties at any time.

The University of Southern California is an Equal Opportunity Employer. USC prohibits discrimination on any basis protected under federal, state, or local law, regulation, or ordinance or university policies. All employment decisions are based on individual qualifications and business need.

I acknowledge receipt of this job description and its associated physical requirements. I have read and understand the job description and job requirements and agree to abide by their contents. I realize that duties may be requested of me that are not specifically stated herein. I understand that I will be expected to adjust to potential fluctuations in work volume. I understand that, if I have any questions about the essential functions or expectations of my position, my supervisor and/or HR partner are available to discuss them with me.

Print Employee Name	Signature	 Date
Trine Employee Name	Signature	Date
Print Manager Name	Signature	Date

This job description describes the general nature and level of work required by the position. It is not intended to be an all-inclusive list of qualifications, skills,

duties, responsibilities or working conditions of the job. The job description is subject to change with or without notice, and Management reserves the right to add, modify or remove any qualification or duty. Nothing in this job description changes the existing at-will employment relationship between the university and the employee occupying the position.