



USC University of
Southern California

Senior Integration Architect (ITS)

Job Description

JOB INFORMATION

Job Code:	167719
Job Title:	Senior Integration Architect (ITS)
FLSA Status:	Exempt
Supervisory:	
Job Family:	Network Operations
Job Family Group:	Information Technology
Management Level:	7 Individual Contributor

JOB SUMMARY

Designs, develops and maintains integrations for ITS enterprise data and analytics applications. Responsible for creating and managing reference architectures and facilitating environment management recommendations. Works closely with the development, test, and release teams to ensure seamless integration of applications and data from an architecture, development, and operations perspective. Demonstrates ITS values in action.

JOB QUALIFICATIONS:

Education

Req	Pref	Degree	Field of Study	
X		Bachelor's degree		
	X	Bachelor's degree	Computer Science	Or
	X	Bachelor's degree	Computer Information Systems	Or
	X	Bachelor's degree	in related field(s)	

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	
X		5 years		
	X	8 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

<i>Req</i>	<i>Pref</i>	<i>Functional Skills</i>
X		Experience in developing and delivering integration solutions and strategies, with firm understanding of data integration, ETL, messaging patterns, and web services.
X		Understanding of data modeling, master data management, enterprise data warehousing, querying, requirements analysis, and data modeling techniques. Knowledge of network architecture, and experience working with the software development life cycle (SDLC) methodology.
X		Expert understanding of server architecture, administration, and security.
X		Ability to understand and work with large, complex IT systems.
X		Experience contributing to and managing development policies and procedures with project management expertise and technical capabilities, and skilled with perseverance, drive and keen attention to detail.
X		Extensive knowledge of in web technologies, multiple operating systems, programming and development languages, and standards.
X		Excellent written and oral communication skills, and the ability to provide both detailed information as well as summaries to management.
X		Ability to develop positive working relationships and strong rapport with team members and stakeholders.
	X	Experience in IT.

Other Job Factors

JOB ACCOUNTABILITIES

	<i>% Time</i>	<i>Essential</i>	<i>Marginal</i>	<i>N/A</i>
Conceptualizes integration architecture by identifying business requirements, designs, prototypes, and conducting testing activities and training. Establishes and manages a repository of documentation related to integration architecture standards, protocols, frameworks, and techniques. Develops standards, guidelines, leading-edge practices, and approved integration techniques and approaches. Builds road maps, processes, templates, patterns, workflows, and other documentation that meet current needs and anticipate future needs.				
Analyzes broad problems, escalations, and trends, and performs root cause analysis. Participates in regular touchpoints with department leaders, data integration teams, and vendors. Gains insights into and anticipates customer pain points, challenges, and needs for integrations. Identifies business value opportunities for customers, partners, and key stakeholders in administrative and academic units. Engages with system and business owners to identify and recommend solutions for problem resolution and prevention.				
Continually develops skills, knowledge, and abilities to maintain currency with new developments in integration architecture and related areas (e.g., APIs, data management). Researches data tools and services and makes recommendations, leveraging the latest industry knowledge and taking the initiative to experiment with new ideas and technologies.				
Supports the enterprise data and analytics team's vision, and maintains currency with technology, standards, and best practices. Works closely with management and team members to implement and support effective solutions for integrations as well as process improvement efforts within the team and across ITS. Builds and maintains collaborative relationships with diverse team members, peers, and leaders. Contributes to a culture of trust and transparency, sharing information broadly, openly, and deliberately. Actively embodies ITS values and behaviors, e.g., accountability, strong ethics, and best-in-class customer service.				

Other Requirements

<i>Essential:</i>	<i>Emergency Response/Recovery</i>	<i>Essential:</i>	<i>Mandated Reporter</i>
	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 Requirements

<i>Essential:</i>	<i>Emergency Response/Recovery</i>	<i>Essential:</i>	<i>Mandated Reporter</i>
	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 virtue of the associated job duties, this position qualifies as a mandated reporter as required by state law and USC's policy at: https://policy.usc.edu/mandated-reporters/
<i>Campus Security Authority (CSA)</i>			<i>Essential:</i>
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

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.