

KERN COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED DECEMBER 2016
RANGE: 55.0
SALARY SCHEDULE: #50
CODE: NONE

APPLICATION INTEGRATION SOLUTIONS SPECIALIST II

DEFINITION

Under direction, analyze and propose work flow processes and improvement solutions by means of, modifying existing systems, supporting the implementation and integration of new solutions, or developing whole applications solutions;

Work as a team member to maximize the effective use of technology applications with a primary focus on end user problem solving and process refinement via the use of existing, new, and custom applications.

EXAMPLES OF DUTIES

Work in support of established project plans with delivery dates for technology work flow analysis, solution design, development, installation, user training, project meetings, and other project deliverables;

work cooperatively with county and district office staff to identify, analyze and resolve technology related work flow problems and devise automated or manual workarounds as required to maximize the effective use of technology resources;

work cooperatively with the Division of Technology Engineering team and make recommendations pertaining to application life cycle standards including design, development, implementation, versioning, as well as end-of-life planning;

communicate with designated test users and conduct usability testing;

document possible improvements to systems based upon observations;

analyze and document defects or new feature requests against current release goals, communicate with stakeholders and adjust project management details accordingly;

consider the relative costs and benefits of potential actions to recommend the most appropriate plan;

integrate a wide variety of technology solutions as frameworks, web services, vendor products and web clients including browsers and custom apps;

use API (Application Programming Interface) to integrate separate systems to work in concert.

QUALIFICATIONS

Knowledge of:

Must be knowledgeable regarding the use of application development products and tool sets;

thorough knowledge of client/server, multi-tier applications development;

demonstrated knowledge of current applications development best practices;

demonstrated knowledge and history managing small to large scale applications via the Agile project management methodology.

Ability to:

Independently maintain knowledge of industry best practices for applications life-cycle management, process improvement, and applications development;

stay abreast of trends, innovations and industry best practices for workflow process improvement, solutions development, and applications integration;

comprehend and understand complex and varying organizational workflow processes to identify potential process improvements;

utilize API (Application Programming Interface), and methodologies to grow and refine the benefit of pre-existing applications;

communicate effectively in public, in conference, and in writing;

maintain cooperative inter-departmental and district relations;

identify, differentiate, and recommend the most cost effective means for workflow process improvement;

prepare and present a variety of clear and concise reports and presentations.

Experience:

A minimum of three (3) years of experience in integrating applications using a wide variety of technology solutions;

experience matching technologies to project specifications and justifying recommendations based upon analysis of factors including security, staff expertise, function, delivery, cost constraints, network infrastructure, possible laws and regulations and the possibility that the proposed system will accomplish its goals;

experience making decisions and solving problems by analyzing information and evaluating results to recommend the best solution and solve problems.

Education:

Graduation required from an accredited two-year college or university with a major in computer science, information technologies, or related field.

Work experience resulting in an equivalent knowledge base may be substituted for the formal education requirement.

Conditions of employment:

Some positions may require proof of privately owned automobile insurance and possession of a valid California Motor Vehicle operator's license which must be maintained for the duration of the assignment.

Fingerprint clearance by both the Federal Bureau of Investigation and the California Department of Justice is a condition of appointment after all other required job conditions have been met.

Must present verification of completion of Child Abuse Mandated Reporter training or obtain verification within six (6) weeks of hire and annually thereafter, as required by the California Child Abuse and Neglect Reporting Act.

This position has a probationary period of six months or 130 days, whichever is longer.

TS: gs

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