

**KERN COUNTY SUPERINTENDENT OF SCHOOLS**  
**APPROVED DECEMBER 2016**  
**RANGE: 57.5**  
**SALARY SCHEDULE: #50**  
**CODE: NONE**

### **APPLICATION INTEGRATION SOLUTIONS SPECIALIST III**

#### **DEFINITION**

Under direction, develop customized integration solutions and maintain new and existing integration components using the appropriate design methods and tools.

Analyze and propose work flow processes and improvement solutions by means of, modifying existing systems, overseeing implementation and integration of new solutions, and designing and developing whole application solutions.

#### **EXAMPLES OF DUTIES**

Work independently and 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;

develop and maintain organizational application development and life-cycle standards;

create a Project Plan including major milestones and detailed timetables with delivery dates for technology work flow analysis, solution design, development, installation, user training, project meetings, and other project deliverables;

lead cooperative efforts 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;

develop proposals for the cooperative establishment of compatible solutions among local education agencies;

develop global implementation standards with the Division of Technology Engineering team to ensure proper technology application life cycle standards including design, development, implementation, versioning, as well as end-of-life planning;

collaborate with KCSOS departmental and divisional management to support work flow solutions and facilitate strategic organizational goals and plans;

work cooperatively with third-party vendors and clients to enable the design, development, deployment, and training for technology application solutions.

#### **QUALIFICATIONS**

##### Knowledge of:

Must be knowledgeable in 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 application life-cycle management, process improvement, and applications development;

Develop and lead iterative project plan using small development team(s);

provide application development and workflow guidance to team members and small development teams;

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

identify exploitable features, 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;

plan, develop, and deliver customize solutions for process improvement;

maintain cooperative inter-departmental and district relations;

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

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

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

organize, plan and prioritize tasks needed to complete an iterative technology projects;

communicate with project stakeholders to gather requirements for new software development projects;

translate business needs into detailed project plans including customer stories, UI and work flow design, schema design, coding and configuration tasks and testing protocols;

create new project plans using various project management tools, from overall system goals to user stories through detailed job tickets for developers;

get members of a group to work together to accomplish tasks needed to deliver projects.

Experience:

A minimum of five (5) years of software development experience.

A minimum of two (2) years of experience in development of enterprise solutions.

experience in designing, deployment and maintenance of networked systems needed for development workflows, automated testing and provisioning of deployed solutions;

experience implementing project management strategies and tools generally aligned with agile methodologies;

experience with project planning, managing relationships with customers, and overseeing project development, implementation and audits.

Education:

BA/BS degree, preferably in computer science, management information systems 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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