APPLICATION INTEGRATION SOLUTIONS SPECIALIST I

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

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

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

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 collaboratively 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;

provide internal staff with custom queries as needed;

create tickets to document files being loaded in to various databases;

perform quality assurance reviews on data in assigned dashboards, databases, and platforms;

facilitate status call meetings with internal staff and/or external districts as needed;

work with outside districts as needed to validate data for assigned projects;

provide technical support as needed for security authorization and VPN (Virtual Private Network) access to assigned applications;

create and refine documentation for internal staff and districts for assigned projects;

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

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

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

demonstrated knowledge of current applications development best practices;

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

Ability to:
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 Application Programming Interfaces (APIs) and other 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.

Experience:
Open source software and tools including (but not limited to) linux, command-line tools, scripting languages, databases, version control systems, automated testing and deployment tools;

development tools and web services such as code editors, IDEs, SDKs, version control system repos, testing libraries;

designing and implementing user interfaces with current technologies such as JavaScript based UI and mobile-app frameworks;

updating and using relevant knowledge — keeping up-to-date technically and applying new knowledge in the work place.

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 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.

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