Job Summary:
The job of Software Developer (SD) was established for the purposes using a variety of tools to develop, implement, and maintain complex computer applications (software) for the Tulare County Office of Education (TCOE). This job reports job status to the Director of Information Systems (IS) or designee, with the work assignment being in any required department/division of TCOE. This position, either individually or as a member of a team, will support TCOE in the day-to-day and project tasks associated with, but not limited to, one or more software systems during development, implementation, maintenance, and/or support.

Distinguishing Characteristics for Software Developer Job Series I through III
The job series is designated as a transition classification where incumbents at the first two levels are expected to continuously pursue completion of requirements for SD III. The level and complexity of individual work assignments is commensurable with the level and work experience achieved.

The **Software Developer I** (#9853) is the entry-level position in the job series. Incumbents function in a training status as each accumulates the skills and education necessary to promote to SD II. Incumbents must complete the necessary education required for SD II within three (3) years of appointment to SD I. Incumbents at this level shall be promoted to SD II upon completion of necessary education and satisfactory work performance.

The **Software Developer II** (#9826) is the mid-level position in the job series. Incumbents function in a moderately independent support role as each accumulates the skills and education necessary to promote to SD III. Incumbents must complete the necessary education required for SD III within three (3) years of appointment to SD II. Incumbents at this level shall be promoted to SD III upon completion of necessary education and satisfactory work performance.

The **Software Developer III** (#9827) is the journey position in the job series.

Essential Functions:
- Coordinates with other IS team members to design and employ various software development, implementation, and production environments.
- Develops, implements, and maintains software projects including, but not limited to, applications that are integration, mobile, web, and/or windows based.
- Provides technical support, remotely or in-person, for TCOE activities and initiatives.
- Supports, remotely or in-person, staff and end-users in the configuration and usage of software for the purpose of enabling efficient and proper use of the same.
- Trains, remotely or in-person, staff and end-users on workstation and/or software usage for the purpose of being able to utilize existing and/or new software functionality.
- Travels to various locations throughout Tulare County using own vehicle for the purpose of supporting software functionality.
- Utilizes a ticket tracking solution for the purpose of keeping current status on day-to-day and/or project tasks.
- Works as a member of a team, under the direction of the Director of Information Systems or designee, for the purpose of ensuring a common, consistent, and extensible programming platform for software development and maintenance.
- Works with other IS and/or TCOE team members to gather software development requirements, and to design, develop, test, and document the same.
- Writes and/or maintains software documentation.
- And performs other related duties as equitably assigned.

Skills, Knowledge and/or Abilities:

- **Skills to:**

    - Design, develop, implement, maintain, and support n-tier software applications utilizing current enterprise-level platforms;
    - Organize materials;
    - Read and understand complex documentation;

- • Utilize computer software programs effectively;
  - • Utilize computers effectively.
- **Knowledge of:**
  - • Control suites (Telerik, etc.), debugging (Fiddler, etc.), source control (TFS, etc.), development IDE (Visual Studio, etc.), database management (SSMS, etc.) applications;
  - • Current, enterprise-level software development architectures (authentication, client/server, JSON, REST, reporting, SOAP, templating, WebApp, etc.);
  - • Current, enterprise-level software development design patterns, methodologies, and trends (Agile/Scrum, n-tier, OOD, S.O.L.I.D, unified modeling, etc.);
  - • Current, enterprise-level software development frameworks (.NET, .NET Core, Entity, MVC, Web API, etc.);
  - • Object-oriented programming methodologies;
  - • Object-oriented, mobile, scripting, and web programming languages (C#, CSS, HTML, JavaScript, JQuery, PowerShell, XML, etc.);
  - • Software development integration with enterprise-level database technologies.
- **Ability to:**
  - • Administer, design, and develop software using current, enterprise-level database technologies;
  - • Communicate effectively over the telephone, in meetings, via video conferences, in a seminar setting, or electronically;
  - • Establish and maintain effective working relationships with those contacted in the performance of duties;
  - • Introduce and train others in the use of current, enterprise-level development technologies;
  - • Keep management apprised of issues and recommend solutions for those issues;
  - • Maintain records and keep documentation up-to-date;
  - • Recognize trends in the software development industry;
  - • Work productively in a team programming environment.

Responsibilities include: working under limited supervision and/or independently using standardized practices and/or methods to achieve unit objectives; guiding and/or coordinating with others; and operating within a defined budget. Utilization of significant resources from other work units is routinely required to perform the job's functions. There is a continual opportunity to significantly impact TCOE's services. The usual and customary methods of performing the job's functions require the following physical demands: some lifting, carrying, pushing, and/or pulling; and some finger dexterity. Generally, the job requires 75% sitting, 10% walking, and 15% standing. This job is performed in a generally clean and healthy environment.

Experience Required:
- • SD I
  - • Six (6) months of verifiable experience in a position providing software development, implementation, maintenance, and support.
- • SD II
  - • Two (2) years of verifiable experience in a position providing software development, implementation, maintenance, and support.
- • SD III
  - • Four (4) years of verifiable experience in a position providing software development, implementation, maintenance, and support.

Education Required:
- • SD I
  - • High school diploma or equivalent.
- • SD II
  - • High school diploma or equivalent.
  - • Associates degree in job-related area.
  - • Two (2) years of verifiable experience in a position providing software development, implementation, maintenance, and support can be substituted for each year of formal education.
- • SD III
  - • High school diploma or equivalent.
  - • Bachelors degree in job-related area.
  - • Two (2) years of verifiable experience in a position providing software development, implementation, maintenance, and support can be substituted for each year of formal education.

Certificates, Licenses, Clearances Testing and/or Bonding Required:
- Valid California driver's license and proof of automobile insurance.
- Department of Justice and FBI Response.

FLSA Status: Exempt   August 2018

This organization is an Equal Opportunity Employer and does not discriminate on the basis of race, color, national origin, creed, age, gender or disability.   Inquiries regarding compliance procedures may be directed to our personnel office.

This organization complies with the Americans with Disabilities Act.   Persons with a disability who may need some accommodation in the hiring process should contact our personnel office.

This organization is a Drug and Tobacco - Free Workplace

This organization requires a successful candidate to provide it with employment eligibility and verification of a legal right to work in the United States in compliance with the Immigration Reform and Control Act.