CSIS PROGRAMMER/ANALYST
(California School Information Services)

DEFINITION

Under general supervision, plan and execute application programming and analysis tasks supporting the operation and use of systems supporting the California School Information Services (CSIS) program staff, local education agencies(LEAs) and the California Department of Education.

As a CSIS technical staff member, the CSIS Programmer/Analyst (P/A) may lead technical and procedural efforts that establish, document and carry out detailed services to CSIS Program participants.

Usual duties of the CSIS Programmer/Analyst include determining client side data capture, presentation and manipulation needs within the CSIS architecture and building of system components necessary to the development, implementation and operation of systems in a client-server, multi-tier architecture.

EXAMPLES OF DUTIES

The CSIS P/A is responsible to the CSIS Information Systems Director, and is expected to work as a technical team member contributing to a wide variety of tasks including systems analysis, software development, deployment and maintenance of computer code and procedures;

provide timely and accurate reporting of CSIS technical issues to the CSIS Information Systems Architect, and as directed to key stakeholders and other entities;

serve as a cooperative and contributing member of the CSIS Program Office team;

complete other duties as assigned.

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;

thorough knowledge of graphical user interface (GUI) concepts and practices;

demonstrated skill in development using J2EE Java, and/or .NET required; experience with programming using JavaScript, HTML desirable;

plus demonstrated knowledge of application development tools;

knowledge of capabilities, capacities and limitations of application servers, databases and or computer hardware and software systems;

advanced principles, practices of computer systems development methodologies, and client support issues and concepts.

Ability to:

Proven ability to effectively work on concurrent tasks and with multiple entities;

work with formal organizational structures as well as with flexible teams;

build and manage constructive inter-personal relationships;

excellent written and verbal communication skills.

Experience:
A minimum of two (2) years of combined experience in J2EE java and/or NET including designing for, development of, and implementing systems relying upon Internet protocols.

Demonstrable progress in job assignments for this period is expected.

Desirable experience includes:

   two (2) or more years of experience in software development for large scale, enterprise database and data warehouse applications;

   two (2) or more years of experience in client-server and/or server based applications;

   two (2) or more years working in local area and wide area network (LAN/WAN) environments.

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

Work experience resulting in an equivalent knowledge base may be substituted for the degree requirement on a year-for-year basis.

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 is overtime exempt and has a probationary period of six months.

RT: rn
7/21/2020
G:\CSIS Programmer Analyst.doc