



Job Description

Job Title: Senior Software Engineer Web Application

JTC: TAN

Salary Range: N08

FLSA: Exempt

Since 1965, we have served more than 3 million students. Dallas County Community College District (DCCCD) is one of the largest community college systems in the state of Texas, which includes seven independently accredited colleges located around the Dallas/Fort Worth area.

POSITION SUMMARY

Responsible for the hands-on development, maintenance, enhancement and implementation of web applications, integrations, and interfaces across the web and database systems. Provides expertise for providing advanced and complex analysis, design, coding, development, testing, documentation and implementation to support enterprise software systems and Web based solutions.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

Demonstrates in-depth knowledge and proficiency with programming environments and programming tool sets (e.g. SQL Server and C# .Net). Strong knowledge and working experience with a wide-range of web application development, frameworks and emerging technologies. Ability to rapidly and effectively understand and translate product and business requirements into technical solutions. Analyzes new projects and implements programs and systems that achieve organizational goals. Reviews progress and evaluates results.

Ability to provide technical and analytical solutions to problems with the use of development tools. Demonstrates proficiency in the review, interpretation, design and implementation of complex analytical requirements. Advanced knowledge of structured and/or object-oriented programming techniques and skilled in writing program code. Ability to quickly isolate and debug complex issues within code.

Demonstrated ability to collaborate and work effectively with technical teams as well as cross-functional teams on large scale web application projects. Acts as liaison with other departments, divisions, and/or organizations. Adapts to changes and setbacks to manage pressures and meet district requirements. Ability to learn quickly in a fast-paced, dynamic team environment.

Ability to coordinate, plan, schedule, test and implement web programs and proficiency to understand, review and evaluate technical information. Skilled in maintaining system documentation. Demonstrates ability to apply principle software engineering practices.

Must be proactive, self-directed and organized. At ease working in a fast changing environment with rapid release cycles. Ability to communicate effectively with individuals from diverse backgrounds. Strong knowledge and experience providing effective customer service.

PHYSICAL REQUIREMENTS

Normal physical job functions performed within a standard office environment. Reasonable accommodations may be made to individuals with physical challenges to perform the essential duties and responsibilities. Occasionally may be required to lift and carry materials weighing up to 30 pounds.

MINIMUM KNOWLEDGE AND EXPERIENCE

Bachelor's Degree with five (5) years of experience in related field. Must have current and valid driver's license required for off-site travel. On-call, work hours may extend beyond the regular, eight hours, Monday-Friday, workday, including weekends and holidays to provide immediate support due to system failures on a 24/7 basis. Official transcripts will be required. ***Will be subject to a criminal background. Some positions may be subject to a fingerprint test. ***

ESSENTIAL DUTIES AND RESPONSIBILITIES

Responsible for planning and leading activities related to the design, development, implementation and maintenance of the full range of web applications and systems. Responsible for but not limited to, creating and maintaining the district's content management system architecture and site taxonomy, integrating legacy web systems and developing and maintaining new enterprise web applications.

Diagnoses program problems, designs enhancements and customize software as requested. Determines project scope and specifications; responsible for applying user requirements and specifications. Interfaces with management and users regarding project status and needs. Learn new and keeps abreast of existing technologies and best practices through professional development activities and be able to apply these to a variety of projects as applicable.

Responsible for working closely and collaboratively with users, teams and departments within the DCCCD community network in implementing, testing, and debugging systems and programming modifications, maintaining, enhancing program functions and features. Provides program support for purchased and custom written application systems.

Creates, builds, and maintains various databases that support software systems; modifies applications to interface with existing/future systems. Develops software solutions by studying information needs; conferring with users; studying systems flow, data usage, and follows the software development lifecycle. Responsible for deployments to the live site and all intermediate hosting environments. Ensures software conforms to operational requirements of hosting environments.

Must have excellent interpersonal, oral and written communication skills to be able to converse and interact with diverse, multicultural stakeholders and constituents internal/external to DCCCD.

Performs other duties as assigned.

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job and shall not be construed as a declaration of the total of the specific duties and responsibilities of any particular position. Incumbents may be directed to perform job-related tasks other than those specifically presented in this description. Position requires regular and predictable attendance.