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Berthoud, CO 80513
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Posted: 05/08/2024
By: RB
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Senior Application Developer

Division/Department: Finance and Administration/Information Technology Department

Reports to: Information Technology Department Manager

Location: Berthoud, CO

Type of Position: Full-time

Status: Exempt

Salary Range: \$122,850 - \$141,856

GENERAL STATEMENT

The Senior Application Developer creates, designs, and implements software applications using .NET platform technologies. As a .NET Developer, you will be involved in design, development, coding, customization, configuration, testing, and deployment in support of enterprise solutions. In the .NET developer role, you will create software applications, train end-users, and provide immediate technical support. Success in this role will be exhibited by delivering functional and scalable software that greatly enhances users' speed, accuracy, and productivity. Based on the task assigned, the employee may work independently or as part of a development team. Requires extensive experience with one or more programming languages or frameworks.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Utilize Microsoft's .NET infrastructure to create software solutions that meet coworkers' requirements.
- Collaborate with coworkers to facilitate the creation of large, complex developments, as required.
- Revise, update, refactor, and debug existing code to ensure adherence to stipulated guidelines.
- Check your code to detect and remedy errors and omissions.
- Test your outputs to ensure that they are in excellent working order.
- Use coworkers' feedback to inform the creation of subsequent versions of each development.
- Establish, maintain, and upgrade Northern Water applications and associated architecture and environments.
- Create and update reports and maintain report server.
- Design and administer development and production SQL Server databases.
- Perform installations, upgrades, configurations, and patch applications for Web application environments.
- Work on developing and implementing applications to interface with engineering systems.
- Create and maintain automation for importing manual data into engineering databases.
- Develop, test, and publish web services for internal and external consumption.
- Assist software professionals in handling project-related work and other requirements.
- Develop documentation throughout the software development life cycle (SDLC).

Senior Application Developer

- Coordinate with other software professionals and developers.
- Remaining abreast of coding and technological changes that will impact your work.
- Mentor junior software developers.

OTHER DUTIES AND RESPONSIBILITIES

- Performs other related duties as assigned.

EDUCATION AND EXPERIENCE REQUIREMENTS

Education

- Bachelor's or master's degree in computer science, engineering, MIS, or equivalent with programming experience.

Experience

- Ten years of design and/or development experience with .NET Core, C#, ASP.NET, Windows Forms, APIs, REST Services, and SQL Server in an n-tier architecture.

LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS

- Must possess a valid driver's license.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge

- Required
 - Principles and techniques of web development and analysis.
 - C#, Entity Framework, .NET Core, MVC, Html, XML, JavaScript, CSS, Razor, T-SQL, and JSON.
 - Programming principles and practices for various computer platforms functioning in a centralized, distributed, client-server, and stand-alone environment.
 - Principles and techniques of web application design, development, and quality control.
 - Relational databases (SQL Server).
 - Working knowledge of general business skills and procedures.
- Preferred
 - DevExpress.
 - Kentico.
 - Jira Software.
 - BuildMaster
 - GitHub.
 - Microsoft Power Platform (BI, Apps, Pages).
 - ESRI mapping software.

Skills

- Solid understanding of Microsoft development technologies.
- Work independently in the absence of supervision.
- Work productively and collaboratively in a role-based team environment.
- Effectively and professionally communicate technical/complex information verbally and in writing with all levels of staff.

Abilities

- Passion for learning new skills in a diverse technology environment.
- Communicate at a technical and non-technical level.
- Establish and maintain cooperation, understanding, trust, and credibility while performing multiple tasks concurrently.
- Calmly, methodically, and effectively respond to emergencies.

PHYSICAL REQUIREMENTS

- Occasional physical activity is required, including walking, bending, stooping, or climbing stairs during site visits or equipment inspections.
- Requires prolonged sitting and sustained operation of keyboard devices.
- Must be able to meet the physical requirements of a post job offer physical examination.

Reasonable accommodations will be made to enable qualified individuals with disabilities to perform the essential functions of the job.

OTHER REQUIREMENTS

- Maintains a personal appearance appropriate for job position and image of Northern Water.

This job description in no way states or implies that these are the only duties to be performed by this employee.

Northern Water provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, marital status, sexual orientation, gender identity, national origin, disability, genetics, veteran status or other legally protected characteristics. Northern Water complies with applicable state and local laws governing nondiscrimination in employment in every location in which the company has facilities. Northern Water also prohibits any form of workplace harassment in accordance with these laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.