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On the subject line please include:” 10198WI Skills Form” and your name

.NET Web Developer

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# Client: DNR Posting ID: 149919

# Location: Madison, WI Interview: On-Site (2 Rounds)

# Start Date: December 1st, 2025 Contract Length: 1 year

Our client, Wisconsin Department of Natural Resources (DNR), is looking for a .NET Developer to design, develop, test, implement and maintain solutions and features for applications in Microsoft .NET environment. The developer needs to provide reliable, responsive support and updates to these systems. This work requires a candidate with advanced developer skillsets and experience. The position may be working on new development, enhancements and/or providing support for existing applications as determined by agency priorities.

The candidate must have proven work experience with application development, user interface development for custom applications and database development. The person hired for this position must work closely with team members and DNR Application Architect Lead for application solutions, development plans, and ensure effective integration among information systems and the IT infrastructure. This may include working with DNR approved third party technologies. An important part of the position will be to understand the interactions between applications and services within the DNR environment, and evaluate the impact of changes or additions.

The candidate should be motivated to stay on top of technological advancements to ensure that solutions are continuously improved, supported, and aligned with industry and agency standards as well as emerging business requirements. The candidate must understand user and process requirements and ensure those requirements can be achieved through high quality deliverables.

This position will analyze, design, develop, test, implement and maintain solutions and features for applications in Microsoft .NET environment. It consists of development and providing support for existing applications as determined by project and maintenance priorities. Initially, work will be for the WisFIRS related applications. The position will work with supervisors, project managers, business relationship managers, developers and business customers. To be successful, the developer will need to take initiative and own tasks or products along with being self-motivating including excellent communications, time management, listening, collaboration, problem solving and adaptability skillsets.

DNR has a large number of .NET custom applications and very high usage of GIS applications interfacing with other state agencies, other states, partners and the federal government. This includes Web Applications, API’s, Batch, GIS custom applications and reporting technologies: ASP.NET, .NET Framework 4.x, MVC, Angular, C#, Power BI/SSRS, GIS (ArcGIS, AGOL, VertiGIS, etc.), Oracle, Javascript, Bootstrap, SharePoint, SFTP, Tableau, Visual Studio, Azure DevOps in the cloud, Batch and Web Applications.

**Tasks**

* Follow the standard development life cycle along with DNR standards and procedures for management and versioning of source code, file management and change management processes.  The developer must look out for security concerns or issues when developing applications and follow security related protocols.  Applications must be built and supported in compliance with Federal and State requirements.
* Orient self to current applications by reviewing code and working with others to understand the business needs.
* Identify a solution/design working in collaboration with project team members.
* Code programs and applications using DNR standards and guidance for best coding and database practices, adhering to security requirements. This includes any integrations with other systems.
* Provide maintenance and support for applications including troubleshooting and resolving issues.
* Structure code to meet standards for efficiencies and maintainability.
* Testing the applications by documenting scenarios and test results using DNR approved tools and processes.
* Manage code and version control using Azure DevOps
* Assist with deploying the web-based applications, batch jobs and reports.
* Work on priority tasks and keeping tasks updated with current status in Azure DevOps. Providing input on estimates/timeline for tasks.
* Attend project stand up meetings and providing feedback on tasks.
* Implementation of user interface changes/bug fixes based on feedback from team, users and testers.
* Maintain the backend Oracle database to support the needs of the applications.
* Create clear and up to date documentation for the project’s configuration and code base.
* Provide daily or weekly status reports as requested.

###### Knowledge, Skills and Abilities Required:

* Able to take initiative and own tasks or products along with being self-motivating including excellent communications, time management, listening, collaboration, problem solving and adaptability skillsets.
* Excellent written and verbal communication skills including describing technical items to non-technical staff.
* Ability to meet project timelines.
* Ability to provide input into task estimates.
* Excellent time management, organizational and planning skills.
* Ability to work independently to conduct research and review application code to apply design, coding and testing principles.
* Excellent customer service
* Good interpersonal skills.

***NOTE: Local candidate HIGHLY preferred****.* ***The position is currently 60% remote and 40% in the office,*** ***Hybrid requirement is weekly. New contractors must start on site for a five-day orientation/onboarding. An on-site interview is required.***

# Complete the skills table below to be considered for submittal.Skills listed below must be clearly stated in your resume.

|  |  |  |
| --- | --- | --- |
| ***Skills and Knowledge Required******(Requested years of experience / requested rating)*** | ***Years of experience******(XX yrs)*** | ***Skill Rating1 (low) to 5 (high)*** |
| **Required / Must Have** |
| Advanced level application development skillsets including Analysis and Development within Microsoft .NET Framework.8+ years (5) | Select Years | Select Rating |
| Coding experience in .NET framework with MVC including C#, VB.NET Javascript and Bootstrap.8+ years (5) | Select Years | Select Rating |
| Experience applying accessibility and security standards to custom applications.6+ years (4) | Select Years | Select Rating |
| Experience applying Object Oriented Design.8 years (5) | Select Years | Select Rating |
| Experience developing applications with Oracle databases including experience writing stored procedures and SQL.8+ years (5) | Select Years | Select Rating |
| Experience working in Azure DevOps including repositories, version control & deployments4+ years (3) | Select Years | Select Rating |
| Experience in SSRS/Power BI for developing reports. 4+ years (3) | Select Years | Select Rating |
| Experience creating web API’s.6+ years (4) | Select Years | Select Rating |
| Experience coding applications in Angular2 years (3) | Select Years | Select Rating |
| Experience working in Visual Studio.8+ years (5) | Select Years | Select Rating |
| Experience following coding standards and best practices8+ years (5) | Select Years | Select Rating |
| Experience with testing tasks such as identifying test scenarios, test data setup, execution, and documenting test results.4 years (3) | Select Years | Select Rating |
| Experience utilizing the Systems Development Lifecycle (SDLC) and following IT Best Practices8 years (5) | Select Years | Select Rating |
| Experience resolving technical issues through debugging, research, and investigation.8 years (5) | Select Years | Select Rating |
| Experience following Iterative/Agile/Scrum Methodologies for completing projects from Initiation through Implementation and Maintenance. 4 years (3) | Select Years | Select Rating |
| Experience understanding defined requirements by identifying and implementing achievable solutions.8 years (5) | Select Years | Select Rating |
| Experience writing technical documentation.4+ years (3) | Select Years | Select Rating |
| Collaborates and shares information with others and is a team player to ensure project success and business needs are met.8 years (5) | Select Years | Select Rating |
| Awareness of IT Infrastructure.6 years (4) | Select Years | Select Rating |
| Awareness of Accessibility requirements and custom application design solutions or standards to comply.8 years (3) | Select Years | Select Rating |
| Bachelor’s Degree (Please include on your resume) | Select Yes/NoEnter Degree, University and year |
| **Desired Skills / Nice to Have** |
| Experience working at DNR or in other Government agency.1 year | Select Years | Select Rating |
| Experience working with Microsoft Suite, including SharePoint, Teams, Word, Excel, etc.8+ years (2) | Select Years | Select Rating |
| Experience with GIS, especially Esri JavaScript APIs.2+ years (2) | Select Years | Select Rating |
| **Narrative Required**  |
| Please provide details of how your skill set and past work experiences makes you the best candidate for this position. | Enter narrative here |

**Candidate Information**

Full Legal Name: Enter name here

Your Phone #: Enter phone here Your email address: Enter email address

Hrly Rate Desired (W2/C2C): Enter rate Date available: Enter availability here

W2 = Contract position. No benefits. You are paid for the hours you work only. Do you acknowledge? Select

Current Location: Enter location

Are you willing to travel to this location (i.e. M-F at work location) ? Select

If hired, are you willing to relocate (move) to this location? Select

How many total years of working experience in IT? Select Years

How many years working in the US? Select Years

1st round of interviews will be on-site and will include a 30 min technical exam. Do you agree? Select

2 rounds of interviews will also be person/on-site in Madison, WI. Do you agree to this? Select

Local candidate HIGHLY preferred. The position is currently 60% remote and 40% in the office, Hybrid requirement is weekly***.*** Please provide your valid WI DL/ID. Do you agree to this? Select

Contractors must start on site for a five-day orientation/onboarding***.*** Do you agree to this? Select

A background check that includes residence and work authorization for the United States is required by client. Will you consent to a background check prior to the contract start date?    Select

Do you agree to a past employment and education verification check? Select

Have you ever worked for the State of Wisconsin? Select

If yes, please provide the Department and Division: Enter narrative here

If yes, please provide the dates of employment: Enter narrative here

Work Status (US Citizen, Green Card, etc.): Select work status

If applicable, Visa Expiration Date: Enter a date

If you have a visa sponsor or work on Corp to Corp, provide the company information below. IO Datasphere can only work with the company that currently holds the candidate’s visa sponsorship.

Employer Company: Enter company name Contact Name: Enter contact name

Contact Phone: Enter contact phone Contact Email: Enter contact email

###### Professional References

###### Provide Two to Three (2 - 3) Boss/Supervisor/Manager References in order of relevance for this position. (No co-workers other than boss, etc, no personal friends, relatives, or neighbors)

**1. First Reference**

Reference Name: Enter reference name

Reference Company: Enter company name

Reference Phone: Enter reference phone

Reference E-Mail: Enter reference email

**2. Second Reference**

Reference Name: Enter reference name

Reference Company: Enter company name

Reference Phone: Enter reference phone

Reference E-Mail: Enter reference email

**3. Third Reference**

Reference Name: Enter reference name

Reference Company: Enter company name

Reference Phone: Enter reference phone

Reference E-Mail: Enter reference email

*Instructions*:

Email completed skills form and your most recent resume to us at: jobs@iodatasphere.com

Please include 10198WI Skills Form and your name on the subject line.

*If you have any* *questions**, please email us.*