

## **Web Developer/GIS Analyst**

North Jackson Company is seeking an experienced professional Web Developer / GIS Analyst to join our multi-disciplinary team. This could be a part-time or a full-time position and will be in our Corvallis, Oregon office.

This position will involve design, development and implementation of customized web applications and web services in support of North Jackson Company's REACH Data Services. This position also includes developing and maintaining spatial data services in support of hydrologic studies, preparation of presentation graphics, spatial analysis of data, and data automation procedures. The Web Developer / GIS Analyst will be responsible for web GIS system maintenance and serve as the technical point of contact.

This person will be fully integrated with our team, which means assisting with all aspects of our work, including field data collection, data analysis/reporting, general office work. A desire and willingness to work in the field as well as the office are essential. Some travel is required.

### **Responsibilities**

- Design, develop, and implement customized web GIS applications, web services, and enterprise solutions for clients using Esri's ArcGIS Server, .NET Web ADF and/or JavaScript API / Adobe Flex API.
- Work closely with internal team members to design and develop public-facing web mapping sites for the management, manipulation, and visualization of various types of data.
- Assist with application development estimating, planning, and progress tracking.
- Write comprehensive support documentation.
- Work on improved solutions for data download, map display, analysis, and visualization.
- Administer ArcGIS server and manage for SQL Server database.
- Develop and maintain notification/alarm systems within the server environment.

### **Required Qualifications**

- Bachelor's in computer science, geography, GIS, MIS, or related field. Master's in GIS, MIS, or related field, may be substituted for 2 years experience.
- Four years of professional web development experience using C# .NET and/or VB.NET, ASP .NET, JavaScript or AJAX, HTML and/or Adobe Flex.
- Experience in design of customized web GIS applications and web services using Esri's .NET Web ADF and/or Adobe Flex API / JavaScript API / Microsoft Silverlight API.

- Experience with enabling and administering ArcGIS Server (Enterprise or Workgroup level) data services and web map services.
- Excellent communication skills.
- Fluent in both spoken and written English.

### **Preferred Qualifications**

- Advanced user of Esri software (ArcGIS 9.3 or 10, ArcGIS Desktop, ArcGIS Server common APIs and tools, ArcSDE, Spatial Analyst, 3D Analyst and Model Builder).
- Database design using SQL Server and ArcSDE and applications programming experience using ArcObjects, Python or Visual Basic is highly preferred.
- A strong understanding of client server technology, server architecture, and network protocol and standards.
- Familiarity with AutoCAD, GPS Pathfinder, Trimble GeoXT GPS units and file utilities (telnet/ftp).
- Web server administration experience on the Microsoft platform (IIS, Windows Server).

### **Application Procedure**

Interested candidates should submit a cover letter, resume and list of references. Cover letters should address the candidate's career goals as well as their experience and interest in web development / GIS analysis. Incomplete submissions will not be considered. No phone calls please.

North Jackson Company is an Equal Opportunity Employer.

Position is open until filled. Please send application materials via e-mail (PDF format preferred) to:

Kari Paulson ([karip@northjacksonco.com](mailto:karip@northjacksonco.com))