

**DENVER REGIONAL COUNCIL OF GOVERNMENTS**  
**OPEN POSITION ANNOUNCEMENT: SOFTWARE DEVELOPER**  
(April 2014)

**DESCRIPTION OF WORK:** (This job description is not intended to be an exhaustive list of all duties, responsibilities, or qualifications associated with the job.)

The position of Software Developer serves under the direction of the Software Development Manager

- Assists in the development and testing of DRCOG's internal/external database-driven software applications and modeling tools.
- Monitors, troubleshoots, optimizes, and provides customer support for DRCOG's software applications, modeling tools and databases.
- Develops technical documentation, including user manuals and programming best practices, and provides training for customers on software applications.
- Proposes and provides web-based solutions for applications needing GIS/mapping capabilities or enhancements.
- Fulfills requests for customized reports and queries of data in DRCOG's enterprise databases.
- Keeps abreast of current and new database and web application development technologies in order to assist in providing DRCOG with the best and most appropriate software development tools available.
- Researches and evaluates new technological advances in the external technology marketplace to create process improvements and controls, address current and future development needs.
- Works closely with customers to identify opportunities to improve business processes.
- Ensures that software applications have been tested thoroughly prior to deployment.
- Ensures the quality of project deliverables.

**QUALIFICATIONS FOR APPOINTMENT**

**Knowledge, Skills, and Abilities:**

- Working knowledge of:
  - web development languages and platforms including: MS ASP.NET MVC (4.0 or higher), C#, HTML, CSS, jQuery/Javascript, Python scripting, JSON/AJAX, PostgreSQL, MS SQL Reporting Services, MS SQL Server, stored procedures, functions, and database design,
  - web server and Content Management Systems (CMS) platforms: Microsoft IIS and .NET framework configuration and maintenance, Apache Web Server configuration and maintenance, Drupal or MS Sharepoint Content Management Systems (CMS) configuration and maintenance including lists and libraries, document management, information management policies, security, search capabilities and desktop/office integration,
  - Windows and Linux Operating systems within the VMWare virtualized server environment.
- Knowledge of:
  - object oriented design, design patterns and domain-driven design,
  - developing customer-based software requirements,
  - web-based information architecture including web design, CSS development and usability testing,
  - source control management tools and bug tracking software in a team environment,
  - the principles, methods and techniques of IT project planning, management, monitoring and evaluation,
  - data processing sufficient to be able to review program specifications, design programs and write or modify code.
- Ability to:
  - identify and provide recommendations for efficiency improvements in the software development process,
  - establish and maintain effective working relationships,
  - communicate effectively in both oral and written form, taking into account the audience and nature of the information,
  - give clear and concise presentations on software applications that have been developed.

- Identifies problems, determines accuracy and relevance of information, uses sound judgment to generate and evaluate alternatives and to make recommendations.
- Works with customers to assess their needs, provide information or assistance, resolve their problems; is committed to providing quality products and services.

**Education and Experience:**

- Requires Bachelor's degree in computer science, information systems, or directly related field or equivalent combination of applicable education and experience.
- Requires two years of relevant work experience.

**STATUS:** Full-time, Exempt

**SALARY:** Grade 7: \$4,531 - \$6,344/month depending on qualifications

**This position will close at 3:00 p.m. Mountain time on Thursday, May 15, 2014.**

**Equal Employment Opportunity Employer: M/F/D/V**