

## POSITION DESCRIPTION

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**Job Title: JavaScript, ESRI API Developer**

**Location: Fort Collins, Colorado**

### Job Description

#### Summary:

BESTech is currently seeking an experienced JavaScript and ESRI API developer for a role on one of our contracts with ASRC Federal-Vistrionix to perform software development services for a major Federal agency. This full-time position affords the successful candidate the opportunity to work in an engaging, high-tech development environment, working with an excellent team and customer base.

Would you like to be part of a dynamic team of dedicated software professionals? Are you concerned about protecting our Nation's natural resources? We need people who are committed to action. People who want to apply their education and experience to make sure that all of us enjoy the benefits of productive soil, clean water, clean air, and abundant wildlife that come from a healthy environment.

Natural resource conservation is an effort of Federal and State agencies, universities, and professional societies to deliver science-based information to land owners. Join us to build the technology to help people understand, preserve and increase the productivity of our natural resources.

#### Responsibilities:

The JavaScript, ESRI API Developer will perform the following:

- Analyze user requirements to derive software design and performance requirements.
- Design and code new software or modifies existing software to add new features.
- Debug existing software and correct defects.
- Integrate existing software into now or modified systems or operating environments.
- Make recommendations for improving documentation and software development process standards.
- Develop or implement algorithms to meet or exceed system performance and functional standards.
- Assist with developing and executing test procedures for software components.

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- Write or review software and system documentation.
- Develop software solutions by analyzing system performance standards, conferring with users or system engineers; analyzing systems flow, data usage and work processes; and investigating problem areas.
- Modify existing software to correct errors, to adapt to new hardware, or to improve its performance.
- Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design.
- Design or implement complex database or data repository interfaces/queries.

### Required Skills and Experience:

- 5 + years JavaScript (ES5/6)/HTML5/CSS3 development experience.
- 5+ years Dojo Toolkit framework experience.
- 5+ years demonstrated experience with MVC and MVVM design patterns.
- 3+ years demonstrated experience with ESRI Javascript API 3.x.
- Demonstrated experience with asynchronous request handling.
- Demonstrated experience with building UI widgets with Dojo/Dijit, and implementing widget lifecycle management.
- Demonstrated experience using SVN and work on a development scrum team.

### Desired Skills and Experience:

- Experience with front-end unit testing in JavaScript.
- Familiarity with front-end build tools (Node.js, Grunt, Webpack).
- Experience implementing federal Section-508 accessibility requirements.
- Experience with implementing event-handling, notifications and aspect-oriented programming.

### Education:

Bachelor's Degree in Computer Science or related discipline from an accredited college or university is required. Four (4) years of additional software engineering experience on projects with similar software processes may be substituted for a bachelor's degree.

Successful candidate is subject to a background investigation by the government and must be able to meet the requirements to hold a position of public trust.