



## Job Description

### Software Systems Developer - (190342)

**Job Type** Full-Time Exempt

**Primary Location** US-NJ-Hamilton

#### Description

#### WHO WE ARE

Supported by more than 3,000 employees in nearly 100 locations across the United States, we provide a full continuum of engineering and consulting services, including design, planning, architectural, environmental, construction and program management. Our clients include U.S. federal, state and municipal governments, foreign allied governments, and a wide range of commercial clients. Michael Baker is committed to delivering a standard of excellence that fosters a culture of innovation, collaboration and technological advancement to help solve our clients' complex challenges.

#### GEOSPATIAL PRACTICE

We are a national leader in implementing straightforward approaches to development and deployment of scalable enterprise Geospatial Information Technology (GIT) solutions. Michael Baker International has differentiated itself and expanded its capabilities by using the latest technologies. For example, we use aerial, static and mobile Light Detection and Ranging (LiDAR) systems that accurately determine range, elevation, and other critical mapping data. With hundreds of Geographic Information Systems (GIS), survey, mapping and IT professionals in our Geospatial Practice across North America, Michael Baker International possesses in-house experience and resources to support all elements of your program needs, including: needs analysis, digitizing/data conversion, customized mapping applications, and systems documentation, implementation, and training.

#### DESCRIPTION

As a part of our Geospatial Information Technology Team, the Software Systems Developer works under the direction of a senior developer or data architect, performing GIS, Web, and client server application development using Windows IIS, HTML5, WCF, SQL Server, VB.NET, and C# software for public/private sector clients. Most days will be spent in the office performing application development, testing and deployment, building web applications, and developing data access for data queries and stored procedures.

You will feel a sense of pride in knowing that you are helping Michael Baker International provide innovative solutions to application development challenges, big and small, and [Making a Difference](#) for the clients and communities we serve!

#### PROFESSIONAL REQUIREMENTS

- Bachelor's degree in computer science, engineering, mathematics, GIS, or a related field.
- 1 - 5 years of web, desktop and/or database experience which should include some the following: MS office (including Access), Visual Studio, and SQL Server; in-depth knowledge of web application development using ASP.NET and ADO.NET as well as in-depth knowledge of the core JavaScript language VB.NET (.Net 2012 preferred) and C# design development, testing and deployment.
- Building Web applications using HTML5, JavaScript, Web Services; data access using MS SQL Server for data queries and stored procedures; Microsoft Team Foundation Server; Web applications using ArcGIS API for JavaScript, Silverlight and/or Flex; WPF technologies is a plus.
- Knowledge and experience with mobile application development including Java for Android SDK, XCode iOS Development; ETL; Data Transformation Services (DTS) or SQL Server Integration Services (SSIS); ArcGIS, MapInfo or other GIS software preferred.
- Experience with the full project life cycle, including requirements development and application design, development, testing, deployment and support is also preferred.
- Ability to work independently and in groups to effectively participate in the software development lifecycle. A willingness to learn new and/or different technologies is required.



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MICHAEL BAKER INTERNATIONAL EEO STATEMENT

5/3/2019

## Software Systems Developer

Michael Baker International is proud to be an Affirmative Action/Equal Opportunity Employer. Michael Baker International provides equal employment opportunity for all persons, in all facets of employment. Michael Baker International maintains a drug-free workplace and performs pre-employment substance abuse testing and background checks. We encourage all qualified applicants to apply for any open position for which they feel they are qualified and all will receive consideration for employment without regard to race, color, religion, age, gender, sexual orientation, gender identity, national origin, citizenship status, marital status, genetic information, disability, protected veteran status or any other legally protected status.

EEO is the Law. Applicants to and employees of Michael Baker International are protected under Federal law from discrimination.