

# Senior Full-Stack .NET Developer

For more than 20 years InSite Information Systems has worked with forward-thinking professionals to build web-based enterprise solutions that help organizations be more efficient and more productive. Our development team is agile and experienced, working with customers to develop robust solutions to address complex and demanding business requirements.

## Position Summary

### Senior Software Developer

*Full-time (35-40 hours per week)*

The successful applicant will join a small team working on the InSite system software code base. Primary responsibilities include designing, programming, testing, deploying, and supporting the InSite application for internal and external clients. In addition, the applicant is expected to collaborate effectively with other developers, project managers, customer account managers, and the quality assurance team.

### Responsibilities:

- Assist the team in implementing, customizing, and testing the software
- Assist the team in following software development and software operations best practices
- Improve the software by identifying inefficiencies and recommending improvements
- Develop strategies to solve complex technical challenges

### Required Technical Knowledge/Skills:

- C#, SQL Server, JavaScript, HTML, REST
- .NET Framework, ASP.NET, ASP.NET MVC, LINQ, Bootstrap, jQuery, Telerik ASP.NET, NUnit
- Microsoft Windows, Microsoft Internet Information Server (IIS), Microsoft Visual Studio, Microsoft SQL Server, GitHub

### Minimum Years of Experience:

- Fifteen (15) years of professional applied experience in software and database development

### Minimum Education Requirement:

- Bachelor's Degree in computer science or software engineering
- Preferred: Master's Degree in software systems automation

### Required Business Skills:

- Detail-oriented, with very strong problem-solving skills
- Ability to work independently and with a geographically distributed team
- Ability to understand complex problems and to collaborate and explore alternative solutions

## Preferred Knowledge/Skills:

Demonstrates extensive knowledge and/or a proven record of success in the following areas:

- Enterprise software system design and scaling
- Multi-tenant software application architecture
- Object-oriented programming principles
- Command-query responsibility segregation and event sourcing (CQRS+ES)
- Asynchronous and parallel programming
- Graph theory and set theory (mathematics)
- Analysis and classification of data structure and algorithm efficiency (big O notation)
- Software design patterns (singleton, repository, factory, facade, flyweight, etc.)
- Software and data security best practices
- Software debugging approaches and principles
- Agile development methodologies
- Web application development patterns including MVC and MVVM
- Web application performance monitoring and optimization
- Web application maintenance and support
- SQL Server development and administration, including index optimization and query tuning
- Open-source tooling and Microsoft Windows development
- Microsoft Visual Studio, Microsoft SQL Server, Microsoft IIS, Microsoft Access
- Automated deployment and continuous integration tooling
- Design and implementation of custom client/tenant-specific projects
- Resolving complex technical issues on an implementation project
- Management of small development projects with one or more junior developers
- Technical reviews of deliverables produced by other developers;