# Senior .NET Software Engineer (IT)

**About FlightSafety International**

FlightSafety International is the world's premier professional aviation training company and supplier of flight simulators, visual systems and displays to commercial, government and military organizations. The company provides training for pilots, technicians, and other aviation professionals from 167 countries and independent territories. FlightSafety operates the world's largest fleet of advanced full-flight simulators and award-winning maintenance training at Learning Centers and training locations in the United States, Canada, France, and the United Kingdom.

**Purpose of Position**

The Senior Software Engineer is responsible for developing, maintaining, and identifying improvements by planning, implementing, and monitoring software framework solutions.

**Tasks and Responsibilities**

- Identify and develop product specification, system design, development, and system integration for new and existing software applications.
- Develop, test, and maintain multi-tier web applications and windows-based programs/utilities.
- Conduct new technology research and concept specifications to influence the design of individual software components.
- Collaborate with cross-functional areas on products and programs that will contribute to FSI's strategic direction, development, and future growth.
- Monitor, configure, and improve integration with COTS platforms.
- Consult with users on problem determination and provide root cause analysis in a timely manner.
- Ability to mentor other team members, providing feedback and guidance when needed.
- Accountable and responsible for the accuracy and completeness of assigned work and results.
- Prioritize and manage workload and communicate issues clearly.
- Complete other tasks as required.

**Minimum Education**

- Bachelor's degree from an accredited institution or equivalent industry experience

**Minimum Experience**

- 5+ years of experience in any software development role
- Solid experience in .NET platform and MVC
- Solid experience with Cold Fusion or HTML5.

**Knowledge, Skills, Abilities**

- Solid experience programming in Visual Studio Development Environment utilizing the .NET languages (C#, VB.NET); Programming experience in C++, development of Computer Based Training (CBT) and/or training device system simulation is a plus.
- Strong knowledge and experience in the entire software development life cycle including requirements gathering and analysis, design, development, testing, and implementation for various development platforms.
- Solid understanding of Web Development: HTML5 and Angular JS or similar JavaScript libraries.
- Knowledge of web service models: SOAP, OData, REST.
- Knowledge of JavaScript and JQuery.

- Experience with 3rd party JavaScript libraries such as Angular JS, Knockout JS, JQueryUI, or similar preferred.
- Experience with using SQL Server as a backend preferred.
- Experience with TFS and Git preferred.
- Demonstrated capability to write software routines to support courseware and training devices that include graphics, simulation, animation, and user interaction.
- Experienced in the use and programming of MS-Windows Operating System.
- Solid understanding of testing principles, methodologies, tools, and processes.
- Strong written and verbal communications skills.
- Excellent organizational skills, including the ability to multi-task and prioritize workload.