**Senior Software Engineer**

Role Summary

Senior Software Engineer is experienced member of development team who takes a lead role in software project. SSE’s goal is to develop software that offers users high-quality performance and reliability. SSE is working with an agile, test and behavior driven approach to deliver effectively to meet business requirements, supporting junior members of the team.

Key Responsibilities

* Understand individual business requirements in order to design, develop and test effective solutions.
* Understand and implement required development guidelines, design standards and best practices at all times.
* Determine operational feasibility by evaluating analysis, problem definition, requirements, solution development and proposed solutions
* Document and demonstrate solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code
* Improve operations by conducting systems analysis; recommending changes in policies and procedures
* Perform detailed requirement, design and code reviews to ensure thorough due diligence is applied.
* Understand in detail the business operational process both before and after the impact of any software changes.
* Understand the operational and reputation risk of software changes.
* Understand and document hardware, network and infrastructure requirements of software changes.
* Take responsibility for ensuring that sprint plans and work estimates are accurate at all times so that reliable delivery estimates can be reported.
* Take responsibility for analysis, design and development to ensure due diligence is applied consistently to all software changes.
* Be an active participant in sprint retrospectives and take actions to continually improve the team’s ability to deliver quality product on time.
* Implement test and behavior driven approaches and provide support to QA in both manual and automated testing.
* Ensure software releases support continuous build and automated deployment practices.
* Provide prompt and knowledgeable assistance to business continuity and platform operations whenever requested.
* Maintain a high level of conduct, ethical standards and values.
* Adhere to and enhance the firm’s compliance with applicable laws, regulations and codes of conduct in all jurisdictions in which the Firm conducts business and which have an impact on its business.
* Protect operations by keeping information confidential.
* Work to identify risks and enhance control across the business.
* Report control weaknesses, illegal, suspicious or unusual activity.
* Maintain an appropriate level of competence through ongoing training, making requests for updates or development as required.
* Support and develop software engineers by providing advice, coaching and educational opportunities
* Mentor junior and mid-level.
* Work collaboratively with others to achieve goals.
* Be a persistent, creative problem solver.
* Stay on the leading edge of development practices.

Skills, Knowledge & Experience

* A Levels & degree minimum, or equivalent
* Strong OOP and modeling skills
* C# & .NET (CLR, FCL, GC, GAC)
* Multi-threading and concurrency
* Working in an Agile/Scrum process
* Working with streaming data and real time systems
* WPF
* WCF
* XML, JSON
* TDD (NUnit, NSubstitute)
* Memory & Performance profiling
* SQL Server & T-SQL
* MS Build, NAnt
* Team City
* Jira
* Experience in communicating with customer, users, other technical teams and management to collect requirements, identify tasks, provide estimates and meet production deadlines
* Experience with professional software engineering best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing and operations