# Job Summary

The **Senior** **Software Development Engineer in Test (SDET)** is responsible for developing and executing comprehensive suites of manual/automation test cases/scripts, continues evaluation of test cases for inclusion in regression, automation for newly integrated features and development of toolsets to augment QA and Development testing.

# Education and Experience

Bachelor’s degree in Computer Science or equivalent with a **minimum 3 years’** hands on experience in test automation.

# Job Responsibilities

* Design, develop and execute manual and automated tests inclusive of unit, systems, integration and regression tests.
* Work closely with Software Developers in small scrum teams to deliver the highest quality products in a timely and cost-effective manner.
* Working knowledge of software engineering best practices for the full software development life cycle, including coding standards, code reviews, source control, build and release processes, continuous deployment, and test script development and maintenance.
* Estimate QA efforts, analyze and communicate test results. Identify any potential quality issues as per defined process.
* Able to Setup & configure applications, test data, databases, environments in automated ways
* Be a strong supporter of an end to end continuous integration and continuous deployment.
* Self-starter / demonstrated an ability to initiate and drive continuous improvement.
* Excellent verbal and written communication skills
* Strong debugging / problem resolution skills, and ability to multitask and handle multiple time critical issues / projects simultaneously.
* Ability to learn new skills/technologies quickly as needed in a dynamic environment

# Technical Experience

* Proficient in C# and Visual Studio.
* Experience in UI Automation solutions such as Selenium, Microsoft Coded UI, Protractor etc.
* Experience in REST API level automation using Soap UI Pro, REST Assured
* Experience in unit testing framework like NUnit or MS unit test
* Knowledge on CI/CD tools like TFS/AzureDevops/Jenkins
* Working knowledge of Structured Query Language (SQL)
* Hands on experience in developing Test Automation Harnesses/Tools
* Experience operating in an Agile Scrum environment
* Experience with Cloud-based tests using (Containers, Docker, Kubernetes) is a strong plus
* Experience in BDD is good to have,