**Job Duties / Job Description**

As a SDET Engineer, the beneficiary will perform the below job duties:

1. **TEST DESIGN, TEST DEVELOPMENT AND ENHANCEMENT ACTIVITIES - 50% OF THE WORK.**

* Involve in requirements gathering based on the company’s client business requirements and use cases available and help in root cause analysis.
* Analysis, design, and development of test plan for the Application Under Test which consists of Web Based Applications, Databases, APIs, Mainframe Systems.
* Design of Test Plan and Test Cases for the System / Applications. Perform test cases review, test plan review, test data conditioning.
* Manual Test Execution (functional testing, regression testing, Sanity testing, smoke testing, UAT testing) for above mentioned applications.
* Automation testing of web-based applications via Selenium and BDD frameworks.
* Automation testing of APIs via Rest Assured and Requests framework.
* Report defects as result of testing activity.
* Creating Test Result document after the completion of testing.
* Communication with all the stakeholders including client on the progress of testing.
* Coordinate with multiple application teams with the testing process.

1. **TESTING SUPPORT AND MAINTENANCE ACTIVITIES - 15% OF THE WORK.**

* Collaborate with the different stakeholder team for the seamless operation of testing activities such as Development Team, DevOps Team, Infosec Team and LAN team.
* Perform various reviews and checks for the ongoing testing, Automation coverage, Scenarios to cover under automation, what to automate what not to automate, etc.
* Continuously keep an eye on the code quality of the various automation frameworks ensuring the correctness of framework.
* Resolve the issues team is facing so that the delivery timelines are not impacted.

1. **SUPERVISE ACTIVITIES - 10% OF THE WORK**

* Constantly push the team members to documents key processes and procedures so that it can be referenced by the other team members resulting less time to deliver.
* Build knowledge transfer document and conduct knowledge sharing session within team to understand application lifecycle and storing knowledge.
* Monitor deployment process, and ensure the functionalities are working as expected.

1. **LEAD ACTIVITIES - 10% OF THE WORK**

* Work on the upcoming pipeline projects and help in kick start the test cycle.
* Create various reports from the sprint activities and draw insights from it and share with higher management.
* Mentor new team members and provide technical guidance, whenever required.

1. **RESOURCE MANAGEMENT ACTIVITIES - 15% OF THE WORK**

* Support in hiring activities as per the time to time needs based on upcoming work.
* Started from a 3 members team to a 50+ team in less than 3 years. Support all the team members in the day-to-day challenges they are facing.
* Implement all the suggestions and recommendation given by different stakeholders into the team if found suitable and beneficial.
* Plan and execute the training needs of the team members in both Domain Specific training and Technical Training.