Job Duties:

Develop and configure test automation networks and execute stability and performance tests.

Coordinate with product management and software and support engineers to deliver stable enterprise software products.

Develop and execute test automation through Ruby and hardware and software test tools.

Enhance test frameworks and develop automated tests using Quick Test Professional to ensure consistency.

Estimate test accurately and coordinate with team members for work activities.

Apply, design and develop automated testing strategies and build automated testing frameworks.

Analyze and verify best automated and manual test approaches and execute acceptance, integration, installation and system testing.

Involve in product design to guarantee adherence of test coverage for meeting end user requirements.

Record test results and report and verify software bug fixes to accept automation criteria.

Coordinate with program and development management teams in product development lifecycle to conform end user product and quality requirements and shipment schedule.

Analyze performance test requirements and develop test plans and debug to understand test objective requirements.

Handle performance testing and present results for validating and analysis to Project Teams.

Answer technical issues to resolve and follow up.

Establish test strategy and manual and automated test suites.

Prepare software defect tracking and report entire project release status to stakeholders.

These are series of activities mandatory to be performed in the lifecycle of all major software technical projects. These play an implicit part to fulfill Project goals or objectives. All the projects/assignments varying in the size and degree of complexity have to be mapped to this life cycle structure. The beneficiary is required to have sound knowledge of all the stages of Project lifecycle.

"Along with the SQL development, creation of test

plans and unit testing of the developed code is an

integral part of any project development. For test plan creation, testing the application and fixing the defects, one needs to have thorough knowledge of SQL database and SQL coding standards."

Conduct performance system testing to verify system scalability, efficiency and reliability.

Coordinate with the testing team to develop performance test plans and cases.

Analyze the test results and coordinate with the development teams for bug fixes.

Create a test summary report for management review.

Analyze the underlying causes of performance issues and provide corrective action.

Organize job training and provide assistance to junior test engineers as needed.

Suggest new tools and techniques to improve test efficiency.

Help in project planning, scheduling, budget and tracking activities.

Provide assistance in project design, development and deployment activities.

Develop an automated test scenario and environment for performance testing.

Review and recommend improvements in existing test procedures.

Keeping a track of all the defects raised in the developed code in Development, Testing, UAT and Production environments is an important task for a highly skilled developer in order to ensure that efficient code is delivered. A Programmer analyst is also expected to track the technical tasks of his project team.

Programmer analyst works with project managers, business owners, analyst teams and clients building database prototypes to validate system requirements. Timely meetings with clients and team members to keep a track of project level duties and its status is mandatory.