

**Job Description
Duties and Responsibilities**

Job Title: Software Engineer - Testing
Department: PSO
Prepared By: PSO
Reports To: Team Manager
Reviewed Date: July 2020
Approved By: Craig Bowie

A. Job Description Objective

Person should have a right balance of strong qualitative and analytical skills. Excellent time management, communication, decision making, presentation, leadership skills, human relations and organizations skills. Proven experience in manual and automation testing of projects. Should possess excellent knowledge design and testing procedures. Should have up-to-date knowledge of software test design and testing methodologies.

B. Primary Job Objectives

The table below gives the primary duties/responsibilities for this position. It shows the expected allotted time over an extended period for the areas supported by the position as well as the Description of those areas.

Rank of Importance	% Allocation	Description
1	90%	<ul style="list-style-type: none"> ❖ Reviewing project requirements and preparing test scenarios. ❖ Analyzing test results on database impacts, errors or bugs, and usability. ❖ Preparing reports on all aspects related to the project testing carried out and reporting to the project team. ❖ Interacting with clients/BAs to understand the project and the functional requirements. ❖ Participating in design reviews and providing input on requirements, project design, and potential problems. ❖ Working with automated software testing tools – creation, customization and execution of automated test scripts.
2	10%	<ul style="list-style-type: none"> ❖ Collaborate with other QA Testers in the team to develop effective strategies and test plans.

Software Engineer – Testing’s responsibilities include the following: *This is not an exhaustive task list and other duties may be assigned as deemed appropriate or warranted by immediate manager.*

- Review and analyze functional requirements
- Writes or assists in the development of Testcases, Test Plans, Test Procedures, Traceability Matrix, and Test Summary Report
- Execute test cases (manual or automated) and analyze results
- Report product bugs and errors to development teams

- Document and troubleshoot errors
- Conduct post-release/ post-implementation testing
- Work with cross-functional teams to ensure quality throughout the project implementation lifecycle

C. Job Qualifications Necessary

- A Bachelor's or Master's degree (B.E/B. Tech/MCA) in Computer Science or related discipline
- **3-5 years of demonstrated work experience** in software testing or relevant experience in testing
- Strong Analytic and Problem-solving skills
- Excellent communication and critical thinking skills
- Good organizational skills and detail-oriented mindset
- Experience in project management and QA methodology
- Familiarity with Agile frameworks and regression testing
- Familiarity with Oracle/SQL database principles, Java, JavaScript and Jasper Reports is a plus

D. Job Qualification (Preferred)

- Experience in test automation using QTP/Selenium or other automation tools is an advantage
- Prior experience of working in Confluence/JIRA
- Experience of LIMS (Laboratory Information Management System) software or work experience in a Lab