

# MD T ALI

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## OBJECTIVE

Customer-focused Software Test Engineer with over 5 Years of experience in testing software and web solutions, ensuring customer satisfaction, meeting business needs, and increasing profits via efficient IT product development and redesign.

## PROFESSIONAL SUMMERY

- Good understanding and experience working on AGILE Methodologies and involved in all phases of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC)
- Expertise in analyzing Business and Functional Requirement/Use Case documents for creating test cases
- Extensive experience on complete Defect management life cycle all the way from executing test cases, identifying defects, logging defects and verification of bug fixes
- Proficient working experience in different forms of testing like Manual testing, Unit testing, Integration testing, Regression testing, Performance testing and Non-functional testing
- Expert in Test Automation Framework development using Tools such as Selenium WebDriver, TestNG, Maven, Cucumber, Gherkins and Jenkin
- Experience in Developing the Hybrid Framework from the scratch using Gherkin and Cucumber and Page Factory, Page Object Model, Selenium WebDriver
- Enhance the automation Test script using Java Object Oriented programming language (OOP) with selenium WebDriver
- Expert in Performing GUI, Integration, Smoke, System, End-to-End, Regression, Backend, Browser Compatibility test of the Client-Server
- Proficient in using Postman for API testing using POST, GET, PUT, and DELETE
- Experience to develop Page Factory using Page Object Model (POM) design pattern in an automation framework
- Experience in testing web applications with Behavior Driven Development (BDD) with Cucumber
- Experience in testing of Regression and Functional test suites by developing test cases and test suites using Selenium WebDriver
- Experience using Jenkins for scheduling and CI/CD tool
- Skills in writing and executing SQL queries on databases for backend testing
- Expert in using IDE like Visual Studio, IntelliJ and Eclipse
- Experience on working XML, JSON and testing API and web services using SOAPUI, Postman and Advanced REST client
- Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment

## TECHNICAL SKILLS

- **Testing Tools:** Selenium WebDriver, Selenium Grid, Cucumber, TestNG,
- **Testing Frameworks :** TestNG, Data Driven, Apache POI, Hybrid, Cucumber (BDD)
- **Build/Integrated IDE Tools :** Maven, Gradle, Ant, Eclipse
- **Test Management Tools :** HP Quality Center (QC)/ALM, JIRA, VersionOne, Azur DevOps (ADO)
- **Languages :** Java, Gherkins, SQL, XML, HTML, JSON
- **Operating System :** IOS, Windows, Unix
- **Database :** Oracle, My SQL, MS SQL Server
- **Version Control :** Git, GitHub, Bitbucket
- **CI/CD Tools :** Jenkins
- **Reporting :** RTM, TestNG, Html, Junit, Cucumber Extend Report
- **Working mode :** Waterfall, Agile scrums, Agile Kanban

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## EXPERIENCE

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### Capital One Bank, McLean, VA

#### QA Automation Engineer

04/2022 to Current

Capital One online banking provides client view account information like account summaries, account details, monthly statements, balance transfers, accrued interest, check ordering, loan application, to apply credit cards, and financial services.

- **Project:** Online Retail Banking Portal
- **Application:** Web-Based Retail Banking Application to open a retail bank account for personal and business Account

#### Responsibilities:

- Actively participate in the Agile Scrum ceremonies like daily stand-up meeting, sprint planning meeting, backlog refinement meeting and retrospective meeting.
  - Develop test plan, Generate **RTM (Requirement Traceability Matrix)**, write test scenarios and test cases for both manual and automation testing.
  - Performed different types of testing Smoke, Functional, GUI, Integration, System, Regression, User Acceptance and Production support within the sprint
  - Manage all test artifacts such as requirements, test cases, test execution, test data, and defect using JIRA
  - Involve preparing, creating, debugging and running automated test scripts in Selenium WebDriver using Java
  - Develop Page Factory to store all the web elements and Implement the Page Object Model framework
  - Enhance and automate the hybrid driven development framework Using TestNG, Apache POI using Java
  - Use Continuous Integration Tools (**Jenkins**) for automation script run on a nightly basis and to provide quick feedback to the developers
  - Implemented **Maven** for Project build tool, and **Git** for code repository management
  - Develop script using **Object Oriented Programming (OOP)** concepts in Java
  - Perform Regression testing to verify the functionality with the new codes introduced for modification and/or enhancement using **Selenium Framework**
  - Use **XPath** method to identify the web elements by using selenium locators like Id, Name, XPath, Text method Link Text in the application
  - Perform API and Web Services Testing using **Rest API** with **Rest Assured**
  - Involved in managing the user stories and assigning priorities in **JIRA**
  - Create new defect and assign to the developer to fix the defect
  - Generate defects report and demo to the stockholder during the line of business meeting
  - Develop an automation Test plan to execute automation cases in different environment based on testing requirements and created Test cases for Application module
  - Extensively worked with Database verifications, Validations, and developed Complex **SQL Queries** for Backend Testing with Oracle
  - Responsible for weekly status updates showing the progress of the manual and automated testing
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### HEALTH FIRST Rockledge, FL

#### QA engineer

07/2020 to 03/2022

**Health First** is an Insurance company which developed online claim administration systems for Insurance industries.

- Project: ACE (Affordable Coverage Eligibility)
- Application: ACNY (Affordable Care for New Yorker) Health First offers quality, affordable coverage to residents across the State of New York, including products available through Medicaid, Medicare and the NY State of Health Integrated Eligibility.

#### Responsibilities:

- Worked in Agile (Scrum) methodology approach and followed-up with JIRA
  - Extensively worked throughout defect life cycle from opening to closure using ALM
  - Used Gherkins Syntax to test the behaviors of the Application (BDD), using Cucumber with Junit
  - Maven, Selenium (Web) and STS (IDE) with java language
  - Worked with the Automation Engineer team to identify elements with dev-tools for Selenium, developed test automation Script with Java
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- Wrote functions for business logic; enhanced, synchronized and debugged scripts to save time for regression Tests, smoke tests, and sanity tests
  - Interacted with the stakeholders, and the IT Department in finalizing the application requirements on regular basis
  - Used Maven for checking build, ran test suites using TestNG, and used Jenkins as Continuous Integration.
  - Created various types of reporting use Junit/TestNG, cucumber and Jenkins
  - Used GIT as a version control management for the automation scripts and update the repository
  - Checked and verified order creation tool written in XML and retrieved data with SOAP testing
  - Performed both manual and automation tests for mobile testing using Appium
  - Wrote SQL queries to test Data Integrity, Referential Integrity, and performed backend testing
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**PRICELINE.COM**  
Norwalk, Connecticut

**QA Tester Analyst**

04/2019 to 06/2020

**Priceline.com** is an American company and a commercial website for finding discount rates for travel-related purchases such as airline tickets and hotel stays. The company facilitates the provision of travel services from its suppliers to its clients

· **Project:** Cart portal

· **Application:** Web based Ecommerce application -designed to manage client booking, payments and process services

**Responsibilities:**

- Attended in sprint planning, retrospective, and daily scrum for agile scrum development
- Worked throughout defect life cycle from opening to closure using JIRA
- Develop Feature file in Behavior Driven Development (BDD) test cases using Gherkins language
- Develop automation Test Plan, Test Cases, and Test Scripts for automation testing
- Implemented the Object-Oriented program (OOP's) concept like Inheritance, polymorphism, encapsulation and abstraction in Automation Framework
- Performed Smoke, Functional, Integration, System, User Acceptance, Regression, and GUI testing
- Used Continuous Integration CI Tools (Jenkins) for automation script run in nightly basis and to provide quick feed back to the developers
- Used Maven for Project building and Git for version control repository
- Tested the application covering both positive and negative scenarios
- Interacted with developers and business analysts to assessed functional requirements
- Used standard SQL functions and commands to develop SQL queries
- Developed and executed complex SQL queries to create and modify test data
- Generated status reports and Defect reports and presented them in weekly status meetings
- Communicated with different team such as development, requirement, and configuration management team
- Follow up with the developers on defects status daily, and generate defect reports for managements

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**ENVIRONMENT**

Environment: Windows 10, 11, JIRA, MS Office 10, Skype, SharePoint, Share drive, GitHub, Cucumber (BDD), Java, XML, API, TestNG, Maven, Jenkins, SQL Server

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**EDUCATION**

**BSc (Computer Science and Engineering)**

**From** Uttara University, Dhaka 1230, Bangladesh

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**REFERENCES**

References: Available upon request.

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**WORK STATUS**

Full-time