**Krishnakanth Mothe**

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# **PROFESSIONAL SUMMARY**

* A highly proficient and focused **Quality Assurance analyst** with 8+ years extensive experience in **software quality assurance** using Selenium and **TestNG** with selenium WebDriver in diversified domains like Airlines, Automotive, Banking and Ecommerce.
* Have worked on End 2 End automation of API’s using **DEVTEST** **WORSKSTATION** **(CA LISA).**
* Experienced in using **XSD, WSDL, XPath, XML Spy** for service testing & Virtualization in CA LISA.
* Experienced in **Agile**, **Software Development Life Cycle (SDLC)** and **Software Test Life Cycle (STLC)**like requirement analysis, test planning, test design and defects.
* Experience on **Salesforce** for Customizing Reports and Dashboards for business use.
* Strong experience in using testing frameworks like **TestNG**, **Junit** and used design patterns like **PageObjectModel** (**POM**)and **Apache POI** to read and write the Excel file.
* Good experience of **STLC** (Software Testing Life Cycle), which involves requirement analysis, effort estimation, test strategy & planning, project documentation test scripting, test execution and test reporting.
* Done POC(Proof of Concept) for the Automation tool AccelQ for In-sprint Automation functional Testing and Regression test suite.
* Thorough knowledge and immense exposure in implementing **Waterfall, Agile** (Sprint/Scrum) Methodology by analyzing requirement specifications and responsible for developing Test Objective, strategies, Scope and Test procedures.
* Expertise in various types of testing like **Integration testing, System testing, Smoke testing, Regression testing, JUnit Testing, Functional testing, Database testing**, GUI testing, Web /UI and User Acceptance Testing (UAT)
* Hands on experience in using build and project management tools like **MAVEN** and Configuration management tools like **SVN** and **GIT**.
* Experienced in using Continuous Integration tools such as **Jenkins** for automated builds.
* Experienced in using defect tracking and reporting tools like **HPALM** and **JIRA**.
* Experience in **Black box testing** and **White box testing** with a complete QA cycle from testing, defect logging and verification of fixed defects.
* Excellent team player with good **inter-personal communication**, extremely dedicated, self–motivated, Pro-Active and willing to assume responsibility with good problem solving and documentation skills.

# **TECHNICAL SKILLS:**

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| Testing Tools | Selenium WebDriver, JMeter, JUnit, TestNG, Application Lifecycle Management, Quality center, SoapUI, ACCELQ, DEVTEST, Postman, Swagger, DbVisualizer |
| Methodology | Agile (SCRUM), Waterfall |
| Frameworks | TestNG, Cucumber, Junit. |
| Programming | Java |
| Operating Systems | Windows, XP, Mac, MS Office, MS PowerPoint, MS excel |
| Bug Tools | Quality Center, HP ALM, Bugzilla, JIRA |

**Education**:

Masters in Computer Technology at **Eastern Illinois University**

# **PROFESSIONAL EXPERIENCE:**

## Peapod Digital Labs, Chicago, IL

Quality Engineer Jun - 2020 to Present

**Description**: Peapod Digital Labs is the ecommerce engine of Ahold Delhaize USA, one of the nation’s largest grocery retail groups. Validate the order IDs received from associated brands and test the functionality by JSON response using automation tools

## Responsibilities:

* Develop test cases for every scenario identified and review with Business and Development team
* Automate the test cases for Web/Mobile applications and Web Services using ACCELQ.
* Actively participated in sprint demos and sprint planning sessions.
* Actively worked on attending the business calls to understand the functionality of each application to cover the functional related test cases.
* Involved in weekly walkthroughs and inspection meeting to verify the status of the testing efforts.
* Experience in testing Webservices using SoapUI tool, Validating request and response xml.
* Perform functional testing of web services using SOAPUI and RESTful web services**.**
* Developed automated scripts using Selenium Web Driver and Implemented framework using Java.
* Identify the issues and report the defects using JIRA & HP ALM
* Create JSON request and validated the response using postman Interceptor and swagger UI
* Utilized fiddler tool to capture API calls to build various API methods for automation
* Performed Verification, Validation, and Transformations on the Input data Text files, XML files before loading into target database
* Developing SQL and PL/SQL scripts to validate the database systems and for backend database testing
* Performed Verification, Validation, and Transformations on the Input data Text files, XML files before loading into target database
* Extract the order details using queries in DbVisualizer tool and generate invoices

***Environment***: Postman, Selenium WebDriver, Java, DbVisualizer, TestNG, Jenkins, JIRA, XML, JSON, Git, Maven, ACCELQ, Cucumber, Swagger, Gherkin, MS Excel, Jira, Eclipse, SoapUI, Restful.

## United Airlines, Chicago, IL

QA Automation Tester Nov - 2018 to Jun-2020

**Description**: United Airlines, Inc., commonly referred to as United, is a major United States airline headquartered in Chicago, Illinois. United operates a large domestic and international route network, with an extensive presence in the Asia-Pacific region. Performed functional and automation testing for the customer facing frontend UI application which is migrating to React pages from legacy code. The entire project is divided into different PODs based on the functionality and I was part of Seats Purchase, Ancillary Bundles, Manage Reservation PODs

## Responsibilities:

* Analyze **Business requirements**, system requirement specifications, and **functional document.**
* Responsible for the Project planning, **Test Estimations** and creation of Test Plans and strategies.
* Used DevTest workstation (CA LISA) to perform the End 2 End regression testing PNR.
* Identified and implemented **Virtualization** based on the below use cases.
* Used **XPATH** filters and assertions to fetch and validate the desired data in the response.
* Reviewing design requirement document, **Test Artifacts**, **Test Results** and **Test Metrics**.
* Knowledge of **agile** development process and **web** application testing.
* Involve in **backlog** **grooming**/user stories and review to provide correct estimates and prioritize feature development.
* Coordinate with **software** **developers** and execute feature-specific test cases.
* Involve in bi-weekly releases and **testing** **during** **production**.
* Conducted **Positive**, **negative** and system integration testing (SIT).
* Involve in **Automation** **framework** development.
* Performed integration testing of the **API**/**Services**.
* Involved in **Functional** System Testing, **Integration** Testing, **Regression** Testing using the test cases before releasing the application.
* Identify and document product issues with **bug** **tracking** systems.
* Development of reusable components and utilities.
* Manage defects and incident management process.
* Hosting business walkthrough of test cases and application demo.
* Interaction with **Stakeholders**, **Business** **Managers**, **Business** **Analyst** for functionality demo.
* Creating daily status, weekly status and test cycle summary reports.
* Coordinating with **offshore** team members to manage work allocation and meeting daily targets.
* Worked Extensively with **JUnit/TestNG Testing Frameworks** and developing **ANT/Maven** targets to execute automation suites.
* Performed **Web Services** testing using **SoapUI** Tool. Validated request and response in **XML, JSON Formats**. Added assertions to validate response for **SOAP** and **RESTFUL** Web Services
* Capturing the **fiddler** to make sure service response.
* Used **MAVEN** to build and run the **Selenium** **automation** framework.
* Executed test cases using **TestNG parameters, data providers, suites, parallel suites** and **groups**
* Developed **Automation** scripts (Selenium WebDriver API) on **Continuous** **Integration** tool **Jenkins** for nightly **batch run** of the Script and mailed the build outputs to the team members.
* Performed Cross Browser **Compatibility** testing using **Firefox Driver,** **Chrome Driver**, **Internet Explorer Driver.**

***Environment***: Selenium WebDriver, Java, TestNG, Jenkins, XML, JSON, Git, Maven, ACCELQ, Cucumber, Gherkin, MS Excel, Jira, Eclipse, SoapUI, Android, Soap, Restful, Angular 2, Protractor

## COX Automotive, Atlanta, GA

Automation Tester June - 2017 to Nov-2018

Description: G2G is an Automation project which helps dealer and commercial customers achieve results by providing physical and digital auction channels, data analysis, financing, transportation and mobile products and solution. Tested Salesforce.com Manually and automated in selenium web driver on Java platform in Eclipse neon. Performed Verification, Validation, and Transformations on the Input data Text files, XML files before loading into target database

**Responsibilities:**

* Analyzed Business Requirements, Functional specifications, Detail Development Plans and Development schedules documents.
* Conducted JAD (Joint Application Design) sessions for grooming user stories and Attended daily SCRUM meetings regarding the defect’s status and the automation tasks.
* Performed **BehaviourDrivenDevelopment**(**BDD**) using **Cucumber** written feature file, Scenarios

and Step Definitions to execute test scripts using Gherkin Language.

* Written Test cases using Element locators, WebDriver methods, Java programming features and

**TestNG** Annotations.

* Performed **Crossbrowser** testing and **ParallelTestexecution** using **TestNG** framework to check

whether the application is working as expected or not.

* Testing with various **Salesforce.com** standard objects like Reports and Dashboards, Leads, Accounts, Contacts, and Opportunities along with Campaigns.
* Responsible for defect tracking, defect reporting and defect reproducing in **JIRA**.
* Testing API using postman and created a customized test data for Integration Testing from AS400 to Oracle Applications.
* Used Postman tool perform regression tests and achieve reliable results in a variety of environments using chrome plugin.
* Expertise in Functional and Performance Testing for **SOAPUI**, **REST** web services.
* Created tractability matrices, test and bug reports and other test related documents.
* Contributed to the **ContinuousIntegration** pipeline running component builds, creating and deploying jobs on individual stages on **Jenkins**.
* Performed functionality and regression testing during the various phases of the application.
* Developed and updated Test Scripts based on the Functional and Technical Specifications using Java/JUNIT/JSON Object and Javascript.
* Involved in various phases of testing like system testing, integration, functional testing and Regression testing before every sprint.
* Carried out stress, Load and performance testing in veryfying whether the application is working as expected.
* Involved in developing scenarios for **UAT** testing and Provided support during Integration testing and UAT.

**Environment:** Selenium Web Driver, Eclipse Neon, JIRA, Java/JSON Object, SOAPUI, Maven 3, Excel, SQL, Oracle 12c, Cucumber, Jenkins, Agile and Scrum.

## ICICI Bank, Hyderabad, India

Selenium Automation Tester January -2014 to Nov -2015

**Description:** Online Banking provides client to login, to view account information like account summaries, account details, monthly statements, balance transfers, accrued interest, check ordering, loan application, to apply credit cards, financial services and gives opportunities to perform Online Trading of securities like stocks, bonds, mutual funds.

**Responsibilities:**

* Analyzed Business Requirements, Functional specifications, Detail Development Plans and Development schedules documents.
* Application was built on **Agile** (Scrum) methodology.
* Participated in design walkthrough to understand business logic implemented.
* Modified previously existing test cases that were driven by the **manual testing.**
* Work with developers to create test plans for enchancements.
* Performed functional tests using Selenium WebDriver with data driven framework in a database.
* Tested web services using **REST** client and analyze **JSON** response.
* Integrated Selenium WebDriver with TestNG to group test cases.
* Used **TestNG** Test Suite to run group of Test classes and Test Cases.
* Developed Test Strategy, Test plans and Test scenarios for work orders using **Quality Center/ALM.**
* Preparation and review of the test cases for complete functional coverage, Identification of Regression Test cases and lead test cases execution.
* Manually Conducted Positive and Negative testing.
* Created Test Cases for the application with respect to the user requirement document.
* Conducted Functionality Testing, System Testing, and Integration testing on Customer Information, Credit & Fico Score Extractor, and Qualifier & Rate Calculator, Product finder, and LTV Generator Modules.
* Tested and validated databases for Loan documents, Loan information and consumer data.
* Utilize commonly used version control and continuous integration tools such as **GIT** and Subversion (SVN) when test automation is performed.
* Performed database validation using **SQL** queries and **PL/SQL** procedures to verify the data reflected correctly from database to Outbound Files.
* Supported project manager in effort estimation, scope of the releases and defining tasks.
* Provided System Integration Testing(SIT) exit criteria, release documents for QC handover to UAT team.
* Provided Weekly status reports to Project Manager.

## Environment: Selenium WebDriver, TestNG, JAVA, PL/SQL, HTML, Java script, Oracle10g, XML, SOAP, Quality Center 10.0, MS Access, MS word, Excel, Power Point.