**Filmon M Habtu**

**TEST AUTOMATION ENGINEER**

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**GitHub**

**Experience Summary:**

Highly talented professional with effective multi-tasking ability to work independently interested in the position of Quality Assurance Analyst coming with manual Web and Mobile applications solid 4+ years of experience, Project engineering & management, Site management. Excellent knowledge of Software Development Life Cycle, Solid understanding of business requirements, software requirements specifications including web design and development.

* Extensively worked on data warehousing and decision support systems with relational databases such as Oracle design and database development using SQL.
* Solid Object-Oriented Programming concepts.
* Great ability to management Oracle tables views indexes, sequences, stored procedures, function triggers and packages.
* Worked closely with manual team to enhance manual test suite in order to accommodate for added functionalities and critical bugs that were found.
* Good experience in designing and developing user-friendly websites including optimized check-out-page that increased user clicks and subsequently customer purchases by 20%.
* Experience in developing dynamic and interactive websites with modern technologies.
* Excellent technical skills, attention to detail, strong issue identification and problem-solving skills.
* Good Analytical, Communicational, Interpersonal skills and an excellent team player.
* Expertise in Smoke, Integration, System, Functional, Regression, End to End, Adhoc, Agile testing.
* Proficient in Data Base Testing (SQL Server, Oracle) ,Web Services Testing (SOAP UI,Postman) ,IVR Testing, Mobile testing. (Functional, performance, usability, compatibility).
* Functional experience with concentration on Use Case modeling using UML, Business Process Modeling, Data Modeling, Change Management, Technical Training, Software Development methodologies, QA testing, and Systems Testing interfaces,Test estimation, Reports, Letters.
* Extensive working experience on Mobile Apps Testing (Native/Web/Hybrid) on different mobile devices like iPhone, iPads, Android, Tablets, Google Nexus, BB, HTC, Motorola
* Comprehensive knowledge and strong understanding in all phases for Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC), its methodologies such as Agile, SCRUM and Waterfall Model.

**Technical Skills:**

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| **Interface Testing:** | Web, Mollie, Tables, Simulators, Real devices (Manual & Automation) |
| **Languages/** **Framework** | Java, JavaScript, React JS, AJAX, Jquery,SASS,HTML,CSS . |
| **RDBMS** | Oracle, SQL and PL/SQL, DB2 |
| **Testing** | Functional, Integration, Regression, UAT testing |
| **Test Management/Defect tracking tools** | Jira, zephyr, Quality Center,Maven |
| **Test Automation:** | BDD/ TDD - Java -Selenium, Cucumber, TestNG |
| **API Testing:** | REST Assured, SOAP UI, Postman |
| **Continuous Integration** | Jenkins |
| **Methodologies** | SDLC, AGILE, Agile Scrum |
| **Version Controls:** | GitHub, Bitbucket |
| **DevOps** | CI/CD,Jenkins,AWS(EC2) |
| **Internet Browsers** | IE, Safari, Mozilla and Google Chrome |
| **Test Management/Defect tracking tools** | Jira, zephyr, Quality Center,Maven |

**Work Experience:**

**QA Test Analyst** - 10/2020 to Present

**PNC Bank, New York**

**Responsibilities:**

* Analyzed formal test results after reproducing with QA team to report defects, configuration issues and interoperability flaws.
* Actively participated in all phases of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Created and reviewed Test Plans with the QA Team, Developers, and Business Partners.
* Created and managed Ambiguity Review documents to Identify gap analysis on business required documents and functional specification documents.
* Reviewed and updated project issues and defects using JIRA.
* Participated in daily Scrum meeting to identify and track progress/issues with various Sprints or Iterations using Rally.
* Generated virtual scripts for Performance Testing using LoadRunner and exported to DEV team for automation.
* Ensured compliance with testing standards and provided quality updates to project managers.
* Participated in reviewing user stories and use case documents.
* Collaborated with Business Analyst and DEV team to validate requirements, documents test scenarios and resolve software defects.
* Trained new hire peers on project process and Testing activities (KT Sessions).
* Involved in the planning, monitoring and control of testing activities and tasks using JIRA.
* Tested web-based application developed with Selenium IDE.
* Ensured proper configuration management of Test ware produced and traceability matrix of the test and defect to the FSD with the use of JIRA.
* Participated in iterative/sprint planning and delivery as well as daily/weekly project status reporting throughout project SDLC.
* Provided specific guidance on defects to developers.
* Participated in Scrum life cycle stages (planning, staging, development and release).
* Completed ambiguity reviews and requirement traceability matrices.
* Derived Test scenarios, documented test cases, test steps and collected test data for functional testing and nonfunctional testing.
* Worked with DEV team to ensure that Entry and Exit criteria were met before commencing Testing while also conducting walk-throughs of Test Plan and Test Cases with LOB.
* Executed manual test scripts from test cases as derived with Functional Specification Document.
* Generated and exported virtual scripts using basic Feature File format to provide to Developers for automation with the use of Selenium IDE and LoadRunner.

**Test Analyst**- 8/2017 to 08/2020

**United Health Care, New York**

**Responsibilities:**

* Conducted gap analysis and site studies and observations on defect current state using Jenkins.
* Prepared and executed test cases and test suites as per System requirements.
* Verified the accuracy and completeness of project release and ensured defects free quality products as per specification delivered by sponsor.
* Participated in the verification process of walkthroughs, reviews and desk checking sessions to ensure that all business needs have been met. Coordinated Downstream Applications by ensuring that updates made to the Hub didn't affect the other Applications.
* Worked with Business and Technical teams from varying time zones and diverse cultures (off-shore).
* Coordinated downstream application whenever Applications was updated using Home Grown Application.
* Assisted in drafting training documentation for end users on project enhancements.
* Created requirement traceability matrices to track & validate requirements using Excel and HP ALM.
* Collaborated with offshore team members to ensure timely project completion while adhering to business best practices.
* Conducted back end testing using Jenkins and SOAPUI to validate data after enhancements of Hub.
* Actively participated in JAD sessions to discuss several application and defect triage calls.
* Communicated functional requirements to the QA team and software upgrades using MS Word.
* Updated test cases and test data during enhancement of software application using.
* Interacted with developers to make sure that they understood the issues and proactively involved in defect review meeting.

**Education:**

**QA Engineering** - 09/2016 to 07/2017

**Honig Conte Porrino Insurance, New York**

**Responsibilities:**

* Reviewed business requirements and technical specification documents and analyzed use cases, functional requirements to create detailed Test plans and Test cases.
* Involved in designing and implementing of hybrid automation framework to be used with Selenium Web Driver.
* Designed, executed and maintained automation Test Scripts in Selenium WebDriver using Java and TestNG.
* Performed Regression and Integration Testing using TestNG framework and executed assertions.
* Developed Selenium hybrid framework on Selenium WebDriver using TestNG with Java
* Develop and implement robust Keyword Driven, Selenium Page Object Model framework with Selenium WebDriver using Object Oriented Programing Java and open source unit test framework TestNG.
* Used Maven in Eclipse IDE and used Project Object Model (POM) xml to download all the required dependency for automation framework.
* Developed features and test scripts using BDD (Behavior driven development) in Cucumber. Implemented Page Object Model design Pattern into Cucumber framework.
* Involved in Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on Jenkins, and running automated and manual functional tests.
* Developed Test Automation scripts using Appium for Mobile Application Testing of various releases of the applications.
* Involved in writing automated scripts for Angular.JS application using Protractor and Java. · Responsible for conducting Test Planning, Test Design, Test Automation Development and Test Execution.
* Executed system, integration, end-to-end, and user acceptance test (UAT) test cases.
* Developed Manual test cases for Functional testing of various modules of the application also performed Manual Testing to check flow of the application. · Used Selenium (XPath and CSS locators) to test the web application.
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and Xpath in Selenium.
* Tested request and response XML's based web services interfaces using Postman.
* Created test cases both in HP ALM based on the user stories and linked test cases to requirements in HP ALM.
* Actively involved in writing test plans, test scenarios and test matrix (traceability matrix).
* Involved in Testing of the Application Manually and tested the design and functionality of the Application.
* Involved in Functional, Regression, and Integration Testing of application. Performed cross browser functionality testing on Internet Explorer, Firefox etc.
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from oracle database.

**Master of Information Systems Management, DeVry University Newark, CA**

**Specialization: Database Administration and Management and analytics**

**Full Stack Developer, UC Davis University, CA**

**Bachelor of Computer Science – Eritrean Institute of Technology, Mai-Nefhi,**