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Profile Summary

Deepika Suresh Kumar

* **Senior Test Engineer** with over **6** years of experience in both Manual Testing, Automated Web Applications testing, in the domains of Ecommerce, Airline.
* Expertise in conducting and participating in different Types of Testing - Integration, System, Functional, Regression, Smoke Testing
* Strong in analysing and understanding Business specifications, testing requirements and Developing Test plans, Test cases, Test Scenarios and Requirement Traceability Matrix (RTM).
* Excellent knowledge of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Good understanding and experience in working on projects in Agile management process.
* Experienced in using Project management tools JIRA and Test Management Tool Redmine, ApTest Manager.
* Expertise on performing Front End (End to End Testing) of applications.
* Proficient in automation using **Selenium WebDriver, TestNG and Core Java**. Well versed in creation of BDD automation framework using Cucumber with Junit.
* Experienced in developing a framework using Hybrid model with Keyword Driven, Data Driven Concepts and GitHub for Source code management
* Having good understanding in API Testing using PostmanAPI
* Excellent analytical skills and attention to detail with a proven ability to articulate clearly
* Ability work closely with Developers and Product Owners to ensure features/bug fixes are 'shippable' by sprint end.
* Good knowledge and understanding of QA processes and the Testing industry. Experienced in Maven projects for dependency management and as build tool

Technical Skills

**Work Experience**

**Education**

**Project Summary**

**Programming Languages** : Core Java, JavaScript

**Test Automation Tool** : Selenium WebDriver, Cucumber,Cypress

**Automation Frameworks** : TestNG, Junit

# Build & Dependency

**Management Tool** : Maven

**Databases** : MySQL

**API Testing Tool** : Postman API

# Project & Defect

**Management Tool** : JIRA, Redmine **Test Management Tool** : ApTest Manager **Version Control Tool** : GitHub

Senior Test Engineer **- Nous Info systems** – August 2021 - Till present Test Engineer - **HCL Technologies** ­ March 2017 – August 2021

**Master of computer Applications** (MCA) 2010 - 2012 - (Periyar University)

**Bachelor of computer Applications** (BCA) 2007 -2010 - (Periyar University)

# Project : EOL

**Role : Senior Automation Test Engineer**

# Duration : December 2022 – April 2023

**Description :** The EOL (Enhanced Order Locking) project was conceived to fill a need to provide more flexible billing options, in particular to fill the needs of the travel industry. Our current billing system is designed with direct sales in mind. So for instance, a customer sees shoes they like in an add on a publisher's website, and clicks the link to go buy them. This adds a new concept we call the "Lock Date". Before this date, the order can be modified in any way that the merchant chooses. After the Lock Date, the order is no longer allowed to be cancelled, nor is payment allowed to be held or denied (except in the case of a Legal Hold initiated by a fraud investigation.) In order to allow for orders to be modified, transactions will no longer be billed as part of

the month that they are processed, instead EOL enabled merchants will have their transactions processed within the month of their lock date

# Responsibilities

* Preparing Test Scenarios, Test Cases for Reporting Module
* Executing the Test Cases & Defect Tracking
* Specification analysis
* Participate in daily scrums features planning discussions
* Re-test fixes for defects
* Maintain up-to-date the test cases after some requirement changes were required
* Work with relevant people with regards to test preparation, test execution, test data and tool usage
* Plan and coordinate all cycles of testing, including functional-level system tests business scenario-based testing, to ensure proper test coverage while mitigating redundancy where possible
* Facilitate the efficient resolution of issues, by providing initial triage for issue disposition
* Work as part of an Agile team, helping to ensure that all User Stories have a well-documented User Acceptance Criteria, and that those tests are executed within the iteration cycle
* Working closely with developers on detailed designs to derive test objectives

**Technologies:** Selenium WebDriver, Cucumber with Junit, Maven, JIRA, Github, Core Java, ApTest Manager,cypress.

# Project : Dashboard Automation

**Role : Senior Automation Test Engineer**

# Duration : January 2022 – November 2022

**Description:** It provides online marketing solutions specializing in the areas of affiliate marketing, search marketing, lead generation, and customer acquisition for e-commerce businesses in the United States, helps advertisers to generate new sign-ups, registrations, leads, applications, free trials, and plain old new customers. It also offers marketing training for advertisers and publishers, as well as consultative services.

# Responsibilities

* Analysing business requirement in order to determine the test strategy covered by automation testing
* Developing new test scripts are roles and responsibilities of selenium automation test engineer
* Maintaining existing tests scripts/regression suites
* Attending Agile meetings (Daily scrum meeting/Sprint planning/Backlog refinement) on assigned projects
* Executing regression suites and smoke suites
* Providing results to project managers/developers/manual testers and stakeholders
* Understanding the business requirements, application, and its components.
* Updating Framework functions when needed
* Developed and executed the Automation Test Scripts
* Reviewing the Test Reports and Preparing Test Summary Report.
* Preparation of test scenarios/cases/execution and test results.
* Reporting any defects / Observation on day to day basis
* Attending the client calls and meetings
* Involving in giving daily and weekly status reports to clients.
* Involved in knowledge transfer to the newly recruited personnel.
* Implemented automation using Selenium WebDriver, JAVA, Cucumber, Maven
* Highly efficient in keeping up the agile process in place for automation development and maintenance.
* Participated QA review and retrospective for continuous improvement in the Quality and release process.
* Developed page level model [POM] or page library in Selenium to support modular framework.
* Understanding and Analysing Test Requirements are roles and responsibilities for selenium tester
* Automation Framework Design & Implementation
* Selenium Test Environment Setup (Maven Integration, Selenium WebDriver, Java, TestNG, and Jenkins Integration…)
* Inspecting Elements, Create Test Cases using Element locators and Selenium WebDriver Commands.
* Enhance Test cases using Java Programming and JUnit / TestNG Annotations

**Technologies:** Selenium WebDriver, Cypress Cucumber with Junit, Maven, JIRA, Github, Core Java, ApTest Manager

# Project : CSP Reporting Automation

**Role : Senior Automation Test Engineer**

# Duration : August 2021 – December 2021

**Description:** Commission Status Reporting project is to enable Rakuten Advertising Advertisers and Publishers to utilize new Commission Status

tracking features from the Commission Status Pending project as part of their Reporting workflows to optimize performance. Our primary objective is to ensure that as many publishers as possible are able to see benefits from Commission Status Tracking updates, as quickly as possible, with minimal interruption to Affiliate Reporting existing services.

# Responsibilities

* Creating an automation test plan and getting approval
* Configuring Selenium Test Environment (STE) in order to set it up
* Participating in Selenium Environment Setup with an Integrated Development Environment (IDE)
* Automating the design of a framework
* Implementing it as per the structure of the project
* Creating, enhancing, debugging, and running the test cases
* Collating and monitoring the defect management process
* Managing the changes and executing regression tests
* Coming up with exact solutions for problems related to object identity and error handling
* Interacting with customers/clients to solve the various issues they face and updating on the situation
* **Technologies:** Selenium WebDriver, Cucumber with Junit, Maven, JIRA, Github, Core Java, ApTest Manager

**Description:** It is the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the internet. These business transactions occur either as business-to-business (B2B), business-to-consumer (B2C), consumer-to-consumer or consumer-to- business.

# Responsibilities

* Work with Globally distributed agile team to analyze, define, and execute testing tasks in single or multi iteration approach.
* Knowledge of Software development life cycle.
* Create manual test-cases and automation scripts for product under test.
* Timely automate functional, performance and regression level test cases
* Continually improving testing methods and test designs.
* Created and executed automation test Scripts using Selenium Webdriver , Java, TestNG ,Cucumber with Junit and Maven.
* In Agile environment, attended daily stand up meetings, reviewed user stories.
* Analyzed the Business Requirements Document, created the detailed test design for new Functionality.
* Filed and tracked the defects using Redmine.
* Prepare and execute test scripts using Selenium.
* Located web elements using Xpath expressions, CSS Selectors etc.
* The automation testing was developed using Hybrid framework.
* Reviewing the Test reports using TestNG.
* Followed Agile/Scrum Methodologies for all of the project activities
* Interacting with development and product management teams on review and analysis of functional requirements, resolution of reported bugs and various technical issues.
* Enhancement of new ideas, framework development to make the framework more robust.
* Working knowledge on software development processes.
* Working in Test automation Framework and design methodologies.
* Generate and provide application performance reports to Product Managers.

**Technology:** Selenium WebDriver, TestNG, Redmine, Github, Core Java, JIRA, Cucumber with Junit

# Domain : Airline

**Role : Manual Test Engineer**

# Duration : Feb 2017 – March 2018

**Description:** It is a company that provides air transport services for traveling passengers and/or freight. Airlines use aircraft to supply these services and may form partnerships or alliances with other airlines for codeshare agreements, in which they both offer and operate the same flight.

# Responsibilities

* Created test plans and reviewed and updated all test cases in Excel and managed the Requirements Traceability Matrix.
* Manually tested various modules of the application to ensure application stability and functionality.
* Prepared Test Scenarios and Test Cases during the Test Design phase and get the approval from BA/Client.
* Developed and Implemented effective Test Plan and Test Cases based on user stories, source to target mappings, analytical and technical specification.
* Designed Test Steps, Requirement Mapping to Tests, Executing Tests Manually, Defect Logging, Defect Reporting Creating test scripts using Quality Center and performing regression testing on new versions of the software

**Technologies:** Redmine