**Lakshmi Devi**

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**SUMMARY:**

* I have over 12+ years of experience as a QA Automation Engineer – SDET, extensively working on Manual, Automation, API, and Web services applications.
* Experience in various domains such as PeopleSoft, Finance and Order management.
* Expertise in Manual and Automation Testing of Web-based applications, database and web services and API Testing.
* Excellent knowledge and implementation skills in complete Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into Test Scenarios.
* Experience in Agile Projects, worked very closely with Product owners in Agile and attended different ceremonies like Sprint Planning meeting, Scrum, Backlog grooming, Sprint Review and Retrospective.
* Familiar with Steel Brick CPQ for subscription, billing, invoicing and can take control of sales process from Quote to Cash. Generated revenue recognition status automatically with Steel Brick CPQ.
* Proven ability in designing and creating automation frameworks using Java, Selenium Web Driver, TestNG, Maven, Jenkins.
* Experience of Creating, Modifying and Maintaining new and existing Automation Framework Models (Page Object Model).
* Experience in Core Java, development by applying different concepts like OOPS concepts, Collections, Strings, Exception Handling, Multi-threading etc. and experience in Groovy Script.
* Worked in DevOps, installing, configuring and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution.
* Experience in developing Behavior Driven development by writing Gherkin language using cucumber tool, developed Scenarios, Scenario outlines, features and Step definitions and generating the cucumber reports.
* Experience in using version control systems like TFS and GIT.
* Experience in testing Web Services – SOA architecture, XML transactions, SOAP, WSDL and REST Assured using various tools like SOAP UI and Selenium.
* Experience in API testing using REST Assured and postman.
* Experience in Salesforce CRM business process and implementing various advanced fields like Pick lists, Custom Formula fields, Look ups, Field Dependencies.
* Having good knowledge on Python.
* Automated Web services by writing Groovy scripts and used assertions for data validation and performed data driven for validating different endpoints.
* Worked with Eclipse, Apache POI, Maven, OATS.
* Experience using tools like Firebug for finding elements locator and good knowledge in writing the absolute and relative XPATHS manually on need basis.
* Performed DB/Backend testing by writing complex SQL Queries for data validation, good at writing joins.
* Expertise in using various defect-reporting and defect-tracking tools like TFS, JIRA.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering in high stress environment.
* Good analytical and communication skills and ability to work independently with minimal supervision.

**TECHNICAL SKILLS:**

Testing Tools: Selenium WebDriver, Salesforce CRM, CPQ, TestNG, API Testing, Postman.

Defect Tracking Tools: TFS, JIRA

Build Tools: Maven

Languages: Java, SQL, Python

CI/CD Tools: Jenkins

Databases: Oracle, MySQL

Version Control: TFS, GIT

Operating Systems: Windows

**PROFESSIONAL EXPERIENCE:**

The projects which I’ve worked on are mentioned below in chronological order.

**Client: Dell Technologies / Austin, US – March 2023 to Present.**

**Project Name: GOLF (Global outbound logistics fulfilment)**

**Role: Senior Software Engineer in Test (SDET)**

**Responsibilities:**

* Implement standard Agile methodologies, resolve test issues, track, and prioritize defects, record test results.
* Participate in technical governance and help facilitate overall product quality standards with development and business teams.
* Developed Automation test scripts for API testing using REST Assured, Page object model, Eclipse with Titanium framework and Selenium Web Driver, Java and TestNG.
* Developed automation scripts for Salesforce standard objects, Custom objects, page layouts, fields validations and its access to the user based on defied profile.
* Worked with Leads, Contacts, Campaigns, Accounts, Opportunities & Report entities in Sales Cloud application.
* Written test cases based on the Mapping sheets & Business requirements. Verification data values with Legacy Siebel application to Sales force application.
* Responsible for installation and automate functional testcases using TestCafe node.js using TypeScript.
* Writing Automation scripts using java code for UI test cases and API services.
* Expertise in design and development of web applications using JSP, JavaScript, HTML5, CSS3, JQUERY, AJAX, JSON, DOJO, Adobe Flex4, Flash, XSL, XSLT, Node.JS, Angular.JS, Backbone.JS,bootstrap..
* Writing Sql queries for database validations and automating same using java.
* Ensure automation is constantly running, analyzing, and promptly reporting on failures
* Research, investigate, implement, and mentor junior team members in the areas of Agile testing practices, Test Driven Development, Test Automation and reporting Test Metrics
* Oversee our processes for status reporting and issue remediation
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users
* Testing web services in SoapUI and validating results.
* Experience in Automating React based web applications using Test Cafe.
* Testing and comparing Rest Services response with legacy services response to validate.
* Code check-in to GitLab and executing using pipeline.
* Developed and deployed Micro Services based applications using Spring Boot and Node.JS with Express.
* Integrating automation scripts with TFS test cases for execution and results updates.

**Environment:** Java, GitLab, Salesforce CRM, CPQ, SOAP UI, POSTMAN, Maven, POM, Agile, SQL, Eclipse, Selenium, Web Driver, TestNG, Titanium, REST Assured, Legacy services, CI/CD Pipeline, Jenkins.

**Client: Dell Technologies/ Hyderabad, India – July 2021 to February - 2023.**

**Project Name: GOLF (Global outbound logistics fulfilment)**

**Role: Senior Software Engineer in Test (SDET)**

**Responsibilities:**

* Implement standard Agile methodologies, resolve test issues, track, and prioritize defects, record test results.
* Participate in technical governance and help facilitate overall product quality standards with development and business teams.
* Developed Automation test scripts for API testing using REST Assured, Page object model, Eclipse with Titanium framework and Selenium Web Driver, Java and TestNG.
* Developed automation scripts for Salesforce standard objects, Custom objects, page layouts, fields validations and its access to the user based on defied profile.
* Worked with Leads, Contacts, Campaigns, Accounts, Opportunities & Report entities in Sales Cloud application.
* Written test cases based on the Mapping sheets & Business requirements. Verification data values with Legacy Siebel application to Sales force application
* Writing Automation scripts using java code for UI test cases and API services.
* development of Automation test for React web application, DRA(Digital Retailer Assets) using Test Cafe
* Writing Sql queries for database validations and automating same using java.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, Angular Js, and HTML to speed the application.
* Ensure automation is constantly running, analyzing, and promptly reporting on failures
* Research, investigate, implement, and mentor junior team members in the areas of Agile testing practices, Test Driven Development, Test Automation and reporting Test Metrics
* Oversee our processes for status reporting and issue remediation
* Testing web services in SoapUI and validating results.
* Built the Test Cafe framework from ground up for this application and used POM (Page Object Model) approach and many standard npm libraries like cryptoJS, xunit, dotenv, react selectors
* Experience with Front-end JavaScript frameworks like Angular JS, Node.JS. And with the creation of RESTful Web service.
* Testing and comparing Rest Services response with legacy services response to validate.
* Code check-in to GitLab and executing using pipeline.
* Integrating automation scripts with TFS test cases for execution and results updates.

**Environment:** Java, GitLab, Salesforce CRM, CPQ, SOAP UI, POSTMAN, Maven, POM, Agile, SQL, Eclipse, Selenium, Web Driver, TestNG, Titanium, REST Assured, Legacy services, CI/CD Pipeline, Jenkins.

**Client: Dell Technologies (Through UST) / Hyderabad, India – Nov 2019 to Jul 2021**

**Project Name: PINE CDI**

**Role: Software Development Engineer in Test (SDET)**

**Responsibilities:**

* Involved in various meetings with Business analysts and developers.
* Conducted Functional testing, Regression Testing using Selenium.
* Created automation test scripts using Page Object model to test the web applications using Selenium Web Driver with JAVA and Maven.
* Expertise in grouping of Test suites, Test Cases and Test Methods for Regression and Functional Testing using TestNG Annotations like Groups, Parameter, Data Provider.
* Worked with Leads, Contacts, Campaigns, Accounts, Opportunities & Report entities in Sales Cloud application.
* Written test cases based on the Mapping sheets & Business requirements. Verification data values with Legacy Siebel application to Sales force application
* Involved in the usage of BDD Framework to develop Cucumber Step Definitions, Scenarios and Features using acceptance criteria.
* Developed automation scripts for Salesforce standard objects, Custom objects, page layouts, fields validations and its access to the user based on defied profile.
* Redesigned and re-implemented services using NGINX, Node.JS, Express JS, Mongo DB, and MySQL.
* Developed Automation test scripts for API testing using REST Assured, BDD framework, Eclipse.
* Utilized Apache POI jar file to read test data from the excel spread sheets.
* Implemented a Node.js server to manage authentication.
* Used runner classes in cucumber to generate step definitions and used tags to run different kinds of test suites like smoke, regression.
* Used SOAP UI tool to test SOAP based services and POSTMAN for REST services.
* Shared Daily status reports with all the team members, Team Leads, Managers.

**Environment**: Selenium, Salesforce CRM, CPQ, Web Driver, Java, GIT, POSTMAN, Cucumber, BDD, TestNG, Agile, REST Assured, Eclipse, MobXstream, Streamsets.

**Client: Dell Technologies (Through UST)/ Hyderabad, India – May 2016 to Sept 2019**

**Project Name: Dell Applications (Order Fulfillment)**

**Role: QA Engineer – Automation**

**Responsibilities:**

* Converting manual test cases into automation scripts.
* Regression test cases development, execution and results analysis.
* Automation scripts execution in VM’s through launchpad.
* Scripts development using devote framework in OpenScript.
* Automation for web applications, database testing and API testing.
* Status update to management on weekly basis.
* Automation for smoke test cases and scheduled for daily execution.
* CI/CD setup for smoke test cases and results validations.
* Provided automation KT for all the SDETs across all the teams and support for them in implementing new scripts.
* Automation scripts mapping with manual test cases in TFS to integrate automation test results.
* Code check-in to TFS and build creation to execute scripts using latest code.

**Environment**: Java, OpenScript, DevOTE, Oracle, Launchpad, TFS, OATS, Salesforce.

**Role: QA Automation Tester**

**Client: Oracle Corporation of India Pvt Ltd (Through Sunera Technologies)/ Hyderabad, India – Oct 2015 to Apr 2016**

**Project Name: Worleyparsons – EBS**

**Responsibilities:**

* Converting manual test cases into automation scripts.
* Regression test cases development, execution and results analysis.
* Automation scripts execution in OTM server and results analysis.
* Scripts development using data driven framework in OpenScript.
* Involved in writing the QA Test Results and Evaluation Reports.

**Environment:** OpenScript, Core Java, Data driven, EBS.

**Role: QA Engineer - Automation**

**Client: Dell Technologies (Through Infosys) / Hyderabad, India – Nov 2014 to Sept 2015.**

**Project Name: Delta- Dell Services.**

**Responsibilities:**

* Converting manual test cases into automation scripts.
* Regression test cases development, execution and results analysis.
* Scripts development using devote framework in OpenScript.
* Automation for web applications.
* Status update to management on weekly basis.

**Environment**: JAVA, OpenScript, Keyword driven framework.

**Role: QA Engineer – Automation**

**Client: Oracle Corporation of India Pvt Ltd (Through Varsun e Technologies), India – Dec 2011-Dec 2012, Aug 2013-Aug 2014.**

**Project Name: Campus Solutions – Student Financials, Financial Aid, Campus Community.**

**Responsibilities:**

* Understanding the feature by interacting with QAs, Product managers and referring to Peoplesoft books.
* Execution of test cases as per system requirements.
* To participate in the meetings with project manager and discuss technical problems with technical managers.
* Reporting bugs to the QE of the product.
* Developing reusable functions.
* Analyzing the Business Requirement Document, High level and Low-level design documents.
* Create and review - Test scenarios, Test suite preparation, Test Data creation, Test case execution and Defect logging.
* Wrote **Automation scripts using OpenScript**.
* Performing Failure Analysis for the regression failed cases using Selenium.
* Organize **weekly meetings with Client leads**&**Onsite manager regarding the Automation status**.
* Performed Regression Testing as part of every build.

**Environment**: Java, OpenScript, OATS, Peoplesoft.

**Role: QA Engineer – Automation**

**Client: Varsun e Technologies Pvt Ltd, India – Dec 2012 – Jul 2013.**

**Project Name: OCTL - ERP Solutions (Oil Country Tubular Limited).**

**Responsibilities:**

* Execution of test cases as per system requirements.
* To participate in the meetings with project manager and discuss technical problems with technical managers.
* Analyzing the Business Requirement Document, High level and Low-level design documents.
* Create and review - Test scenarios, Test suite preparation, Test Data creation, Test case execution and Defect logging.
* Wrote **Automation scripts using OpenScript**.
* Performing Failure Analysis for the regression failed cases using Selenium.
* Developed the reusable functions for ERP.
* Took the responsibility of automating the regulatory features like manufacturing, sales and distribution and work orders in the ERP.

**Environment**: Java, OpenScript

**Role: QA Engineer – Manual Testing**

**Client: Varsun e Technologies Pvt Ltd, India – May 2011 – Nov 2011.**

**Project Name: Facility permit version compare.**

**Responsibilities:**

* Involved in functional study of the application.
* Analyzed existing requirements.
* Test cases preparation and execution.
* Involved in functional and regression testing.
* Responsible for applying the functionality test on the application.
* Participated in identifying the test scenarios and designing the test cases.
* Performed various block box testing methodologies like functional testing.
* Performed Retesting and Regression testing.
* To participate in the meetings with client, discuss technical problems with project manager and dev leads.
* Reporting bugs to the project manager and to the client team.

**Environment**: Manual testing

**Role: QA Engineer – Manual Testing**

**Client: Varsun e Technologies Pvt Ltd, India – Nov 2010 – Apr 2011.**

**Project Name: VeTMS (Time management system).**

**Responsibilities:**

* Involved in functional study of the application.
* Analyzed existing requirements.
* Test cases preparation and execution.
* Involved in functional and regression testing.
* Responsible for applying the functionality test on the application.
* Participated in identifying the test scenarios and designing the test cases.
* Performed various block box testing methodologies like functional testing.
* Performed Retesting and Regression testing.
* To participate in the meetings with client, discuss technical problems with project manager and dev leads.
* Reporting bugs to the project manager and to the client team.

**Environment**: Manual testing

**Education:**

Bachelors in computer science & Engineering from JNTUK, Kakinada in 2010.