

# Suganya Somu

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## SUMMARY

- 8+ years of experience in the field of IT with focus on QA and testing of Web based and Client- Server applications, Web UI Application, Web API's, Mobile Apps, effective use of QA and Testing practice. Strong knowledge of all phases of SDLC and Strong working knowledge of Software testing (Functional, Integration, Smoke, Regression, Localization).
- Experience in working as a Sr. QA engineer to bring a team of individuals to support the QA activities and get the Quality product delivered to the customer.
- Performing backend testing using Sql Server and Oracle DB by writing complex join queries and have knowledge of PL/Sql.
- Experience on Working with Automation Framework/Tool like **Selenium Webdriver**, **CA Lisa DevTest**, and Android Studio Espresso.
- Experienced in defining Testing Methodologies, designing Test Plans and Test Cases, Verifying and Validating applications and Documentation based on standards for Software Development and effective QA implementation in all phases of Software Testing Life Cycle (STLC) and utilized HP QC and JIRA to manage the testing lifecycle.
- Expertise in Manual/Functional Testing and Automation Testing of Web API's and Web UI based applications.
- Extensive experience in coordinating testing effort, responsible for test deliverables, reporting status to management, issue escalations.
- Good experience in preparation of test bed, Installation testing, Replication of problems & Generation of bug report along with defect triaging.
- Developing and Maintaining Test Scripts, analyzing bugs and interacting with development team members in fixing the defects using HP QC and JIRA.

## TECHNICAL SKILLS:

- **Concepts:** System Analysis and Design, Object Oriented Analysis and Design, SDLC, STLC, Defect Lifecycle
- **Language:** Java, Javascript, JQuery, HTML5, CSS, Bootstrap, Node.js, Ajax.
- **Operating System:** Windows Vista/XP/7/200/NT/98, MacOS 10
- **Testing Tools:** Selenium Webdriver v2.48, CA Lisa DevTest v9.5, SOAP UI v5.1, HP Quality Center v12.53, Android Studio v1.3.2, TestNG, Android UI Automation with Espresso, VSTS, Jira, Spira, WCF Test Client, Appium
- **Performance Tools:** HP Load Runner
- **Database:** SQL Server 2010, Oracle 10g
- **Version Control:** GIT, Source Tree
- **CI Tool** – Jenkins

## Projects from University of Oregon:

### Project 1: Easy Job Search

Client	University of oregon
Role	Student
Operating System	Windows
Tools	Visual Studio Code
Language	HTML5, CSS, Bulma, Javascript, JQuery, Ajax
Version Control	GitHub
Duration	July 2020 – January -2021

#### Project Description:

There are so many job sites that it is difficult to go to each site and look for the top jobs that you desire. My solution and idea for the application was to attempt to bring the top results together on one page. User should type in the search field both your desired job title and location and the results populate in card form on the left side of the page. When you click on a card the full job description will then populate on the main portion of the page to the right of the card fields. You can then click on a link that will take you to the job listing on the website that it populated from.

### Project 2: Weather API

Client	University of oregon
Role	Student
Operating System	Windows
Tools	Visual Studio Code
Language	HTML5, CSS, Bootstrap, Javascript, JQuery, Ajax
Version Control	GitHub
Duration	July 2020 – January -2021

#### Project Description:

This is a single-page application that I have completed for the bootcamp from university of Oregon. This project was finished using the Javascript framework javascript.js and a third-party Weather API .

The page is loaded with the default place weather for the current day and forecast data for the next 5 days . User can search with any city or state in the united states on the left side which displays the current weather of that place and forecast for next 5 days.

### Project 3: DailyScheduler

Client	University of oregon
Role	Student
Operating System	Windows
Tools	Visual Studio Code
Language	HTML, CSS, Bootstrap, Javascript, JQuery,
Version Control	GitHub
Duration	July 2020 – January -2021

**Project Description:**

This is a single-page application that I have completed for the bootcamp from university of Oregon. This project was finished using the Javascript framework javascript.js, CSS and HTML.

The page is loaded with the daily event schedule for office hours 9am to 5pm. User should be able to create an event and save it. The past hours should be displayed in grey, current hours should be in green and the future hours should be in green.

**EXPERIENCE:**

**Project 1:**

**XPO Logistics – Linehaul Control Tower**

Client	XPO Logistics
Role	QA Automation Lead
Team Size	5
Operating System	Windows, Android
Test Tools	Selenium, Appium, JIRA, Jenkins
Version Control	GitHub
Duration	May 2019 – Present

**Project Description:**

XPO provides cutting-edge supply chain solutions to the world's most successful companies, including Boeing, Home Depot, Ikea, L'Oréal and many others. With linehaul project we provide supervisors access to an application to view the trailer open, trailer closed as well as the periodic photos of loading trailers. Also access to an application to retrieve all the trailers with status closed/currently loaded/bypass trailers.

**Project Responsibilities:**

- Acted as QA Automation lead and performed Automation and Functional Testing for both Linehaul projects.
- Designed and developed the Linehaul Operations API and Trailer Photo App automation framework from scratch
- Enabled Continuous Test Integration with Jenkins and notification with Slack.
- Enabled Test Reporting mechanism for providing detailed test execution results.
- Performed E2E Testing, provided successful delivery to production, Supported in Production deployment testing as a stretch goal.
- Designed and Developed Data mining process and provided Test data set for Critical and Complex Business scenarios
- Mentored and Enabled team members to develop scripts for complex scenarios
- Enhanced scripts to provide re-usability to run the scripts on any selected environments and test execution performed when new releases/enhancements are provided by developers
- Ramped-up automation team in very short time and mentored team to develop automation suite for complex web application.
- Enabled standard approach for Grid Values on Allowable Loads web portal
- Provided major contribution as lead in enabling automation of Front-end and Backend application validations in short duration.

- Focused on providing quality test suites by performing peer review of test scripts worked on by team members and provided guidance and knowledge on automation front.
- Optimized project delivery by enabling date prep activities for complex business scenarios to support faster test execution.
- Provided extended support for timely delivery of automation test scripts during unavailability of offshore lead and coordinated to get the daily tasks without miss.

**Awards & Recognition:**

- Received appreciation from Vice President of XPO for the Automation work carried out on Trailer Photo app showcasing automated test coverage.

**Project 2:**

**XPO Logistics – eLogs & Mobile SCO**

Client	XPO Logistics
Role	Sr. QA Engineer
Team Size	5
Operating System	Windows, Android
Test Tools	Selenium, Appium, JIRA, CA DevTest v9.5.1, HP QC 12.53, HP Load Runner
Version Control	SVN
Duration	Feb 2017 – April 2019

**Project Description:**

XPO provides cutting-edge supply chain solutions to the world's most successful companies, including Boeing, Home Depot, Ikea, L'Oréal and many others. With eLogs project we provide an electronic logging device (ELD) to electronically record a driver's Record of Duty Status (RODS) to meet the requirements of the ELD Mandate set by the FMCSA (Federal Motor Carrier Safety Administration).

**Project Responsibilities:**

- Acted as Sr. QA Engineer and performed Automation and Functional Mobile App Testing for both eLogs and Mobile SCO projects.
- Created a **Data driven POC using Selenium Webdriver and integrated with Virtualized service using CA Lisa Tool.**
- Creation of Service Virtualization using CA LISA Tool to support continuous testing.
- Provided Estimation efforts for Automation and SV.
- Coordinate with internal and external customers as necessary, familiarize the team with the customer needs, specifications, the development process, design standards, techniques and tools to support task performance
- Assure that the team addresses all relevant issues within the specifications and various standards
- Ensure deliverables are prepared to satisfy the project requirements, cost and schedule
- Coordinates meetings with the product committee, business analysts, project manager and functional management to discuss project impediments, needed resources or issues/delays in completing the task
- Provide status reporting of team activities against the program plan or schedule
- Involved in Functional and Automated Mobile Application testing using Eclipse, Selenium, Appium and in deriving the automated test scenarios from requirements, Test script preparation, Preparing Test data and Test Script Execution and tracked bugs in JIRA.
- Performed Test execution, Story Validation and validation of Test ready bugs using JIRA.

- Conducted the Automated UI Testing in Eclipse using Appium and Selenium Wbedriver.
- Created test scripts in Test NG framework as part of Unit testing.
- Maintaining test execution status report for functional and automated testing on daily basis.
- Involved in regression testing and performed smoke testing for every new build.
- Participated in walkthroughs, Review meetings, and Team meetings.
- Involved in Preparing Daily Summary Report.
- Involved in the Preparing Knowledge Understanding documents.
- Escalate issues which cannot be resolved by the team
- Provide guidance to the team based on management direction

**Awards & Recognition:**

- ✓ Got Appreciation from client for delivering quality product on time.

**Project 3:**

**Nike – Nike+ Training Club**

Client	Nike Inc.
Role	Sr. QA Engineer
Team Size	11
Operating System	Android, iOS and OSx
Test Tools	Android Studio, Espresso, JIRA, CA DevTest v9.5.1, HP QC 12.53, Jenkins
Emulator	Genymotion
Version Control, Code Management	GIT, Source Tree, Perforce
Duration	Feb 2016 – July 2016

**Project Description:**

NIKE+ TRAINING CLUB v5.0—All-new workouts and smarter personal training for every level. Nike Master Trainers and Athletes deliver workouts and adaptive training plans personalized to user, with the motivation and guidance user need to get fit. Workouts focus on strength, endurance and mobility, with easy-to-follow coaching. Share and compare fitness progress with friends and the Nike+ community, and stay moving and motivated with user ultimate personal trainer.

**Project Responsibilities:**

- Acted as Sr. QA Engineer and performed Automation and Functional Mobile App Testing for both Android and iOS devices.
- Created a **Data driven POC using CA DevTest and integrated with HP QC and Jenkins to achieve Continuous Integration.**
- Coordinate with internal and external customers as necessary, familiarize the team with the customer needs, specifications, the development process, design standards, techniques and tools to support task performance
- Assure that the team addresses all relevant issues within the specifications and various standards
- Ensure deliverables are prepared to satisfy the project requirements, cost and schedule
- Coordinates meetings with the product committee, business analysts, project manager and functional management to discuss project impediments, needed resources or issues/delays in completing the task
- Provide status reporting of team activities against the program plan or schedule

- Involved in Functional and Automated Mobile Application testing using Android Studio, Espresso 2.0 and in deriving the automated test scenarios from requirements, Test script preparation, Preparing Test data and Test Script Execution and tracked bugs in JIRA.
- Tested application across multiple iOS devices and tested NTC application in various Android OS versions.
- Tested release candidates, updates and Third-party app updates for Apps on multiple OS and devices.
- Performed Ecosystem based testing for NTC application.
- The Project was executed on an onsite-offshore model and in Agile Scrum Methodology.
- Performed Test execution, Story Validation Tickets and validation of Test ready bugs using JIRA.
- Conducted the Automated UI Testing in Android Studio using Espresso and backend testing of database using Sql Server.
- Created test scripts in J-Unit framework as part of Unit testing.
- Performed Content validation in both Android and iOS devices.
- Maintaining test execution status report for mobile app testing on daily basis.
- Involved in pushing builds and performed smoke testing for every new build with GIT and Android Studio.
- Participated in walkthroughs, Review meetings, and Team meetings.
- Involved in Preparing Daily Summary Report.
- Involved in the Preparing Knowledge Understanding documents and Providing KT for New joiners.
- Escalate issues which cannot be resolved by the team
- Provide guidance to the team based on management direction

**Awards & Recognition:**

- ✓ Got Appreciation from client for delivering quality product on time.
- ✓ Got appreciation on the Teamwork and dedication to task completion.

**Project 4:**

**Hasbro - Wizards of the Coast**

Client	Hasbro – Wizards of the Coast
Role	SDET
Team Size	15
Operating System	Windows7, Android and iOS
Test Tools	SOAPUI, Selenium WebDrvier, VSTS 2010, Spira, WCF Test Client
Database Tool	SQL Server 2010
Duration	Aug 2011 – Dec 2015

**Project Description:**

A wizard of the Coast is a leader in entertaining the lifestyle gamer. Platform services deals with White box testing where we use SOAPUI for implementing the automation. Application services deals with the Coded UI and Web Performance test. Live Services deals with the system testing.

**Roles & Responsibilities:**

- Acted as SDET and Web Service Tester.
- Involved in Web Service Testing using SOAP UI and in deriving the Automated test scenarios from requirements, Test script preparation, Preparing Test data, Test execution and fixing failures.
- Tested release candidates, updates and Third-party app updates for Apps on multiple OS and devices.
- Tested cloud-based mobile application across multiple platform and mobile devices using perfecto.
- **Perform Web UI & API level Automation** using **Selenium Web driver** and Soap UI.

- **Automated multiple Web UI modules using Data driven framework in Selenium Webdriver.**
- The Project was executed on an onsite-offshore model and in Agile Scrum Methodology.
- Prepared Test data by writing SQL queries in efficient manner
- Created Project Initiation Audit Docs like Project Plans, SCM Plan, and MOM.
- Conducted the Automated Unit Testing in VSTS Tool.
- Created test scripts in C#.Net as part of Unit testing.
- Performed WCF Test Client Testing & Web API Testing using SOAP UI.
- Maintaining test execution status report for mobile app testing on daily basis.
- Involved in pushing builds and performed smoke testing for every new build.
- Participated in walkthroughs, Review meetings, and Team meetings.
- Involved in preparing a deck on Weekly Status Report and Monthly/Quarterly Status Report.
- Involved in the Preparing Knowledge Understanding documents and Providing KT for New joiners.

**Awards & Recognition:**

- ✓ Got Appreciation from client for delivering quality product and reducing efforts using Automation.