**SathishKumar Selvaraj**

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**CAREER OBJECTIVE:**

I have 12+ years of total Information Technology (IT) experience. I am a QA Automation Developer, an expert in Quality Assurance testing, and a junior ETL-BODS developer. My QA and development experience spans across different industries such as the Insurance, Automobile and Healthcare industries that brings a variety of fresh ideas to a company’s IT department. I would be an asset to any organization given that I am always eager to learn, ready to accept feedback, and willing to do what it takes to insure success. I possess a firm believe that improvement can always be made. Dedication, hard work, and loyalty define my work ethic.

**PROFESSIONAL SUMMARY:**

* Having expertise in Framework Development, Manual/Automated/Performance Testing of Web based, Client/Server applications using WebDriver,TOSCA, Worksoft Certify, Appium, Cross Browser testing, API Testing (Postman) Automation Tools.
* Extensive knowledge in understanding Business Requirements Document, Functional Requirements Document and Software Requirement Specifications.
* Experience in Software Development Life Cycle (like Analyzing, Designing, coding, testing, bug fixing and customizing) .
* Experience in working with ETL SAP BODSand RPA with power automate desktop.
* Experience in Software Development Engineer in Test (**SDET**).
* Good understanding and basic experience on WBScript and JavaScript.
* Good understanding and experience of Web internet languages like XML, HTML and CSS.
* Hands on experience in understanding the Requirements, Analysis and Designing of Test Plans based on those requirements.
* Performed Security testing like tampering web requests, re play web requests, update the post data to server using Fiddler.
* Extensively used Team foundation Server as Configuration Tool as well as for Continuous Integration.
* Strong knowledge on HTML and performing security testing by updating the HTML like manually enabling the disabled controls and updating the data.
* Experienced in creating test cases for Web Requests/ web gets/ Rest Api using Postman.
* Involved in Performing Functional testing, Regression testing, System testing, Integration testing, Security testing, Configuration testing, GUI testing and User Acceptance testing.
* Experience in developing Selenium WebDriver scripts using Java.
* Good experience in creating automation framework along with developing, executing, and maintaining automation testing scripts with Selenium WebDriver.
* Experienced in JUnit, Ordered Testing, Hand Coding, Cross Browser Testing.
* Experienced in Junit, TestNG, Junit, Data Driven, Keyword Driven Frameworks in Selenium, good understanding of different Annotations used while working with TestNG Framework.
* Sound knowledge on Object Oriented Programming concepts.
* Used Junit framework to run unit tests.
* Strong experience on using Selenium Grid.
* Expertise in preparing Test Plans, Test Cases, Test Case Review, Test Case Execution, Automation Test scripts, Defect management, Defect Reports and Test reports.
* Diversified experience in testing at every phase of the development process Functional, Integration, Regression, User-interface, Acceptance, System, End-to-End, Front End and Back End testing.
* Strong experience in cross browser testing, cross platform web testing with Selenium RC and WebDriver.
* Expertise in the Web Debugging Tools like Firebug, Firepath, IE and Chrome Developer tools.
* Experienced in testing/impersonating OpenID authentications like Office 365, Gmail account logins and test the web requests.
* Used Data parameterization for fetching the data from Excel sheet and Database with the Helper functions.
* Experience in developing automation frameworks in Modular and Data Driven models.
* Experience in Backend testing in MS-SQL Server, Oracle,MongoDB, MySQL and MS-Access using SQL Queries for data validation and verification.
* Worked with **CI/CD integration** tools like **Jenkins** and project management tools like  **Maven.**
* Experienced in testing Web based applications under multi-browser environments.
* Experience in software development life cycles such as Agile-SCRUM and Waterfall model.
* Excellent experience with source version control tools such as TFS, Subversion (SVN) & Git.
* Experience in designing and executing Automated Tests Suites using Data Driven Automation Framework.
* Represent QA in all phases of product development including requirement, design, construction, testing, implementation, code reviews and support.
* Experience in developing appropriate test metrics to monitor and control test processes, and improve product quality.
* Fast learner and Strong technical and analytical skills.
* Ability to quickly master new concepts and technologies, and also capable of working in groups as well as independently.
* Task-oriented, self-motivated and proactive team player.

**TECHNICAL SKILLS:**

| **Languages/Specifications** | Java Script, Java, Python, REST and SOAP APIs, SQL, PL/SQL, JSON. |
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| **Design Patterns** | Page Object Model |
| **Frameworks** | Data-driven,Keyword-driven and Hybrid test framework. |
| **Test development** | Manual Testing, Automation (Selenium WebDriver and Grid), API  Testing (SOAP/Rest),Appium White box Testing, TestNG, NUnit, JUnit. |
| **Databases** | Sql Server 2008, 2012, |
| **IDE** | Eclipse, intelliJ. |
| **Design Tools** | Jira |
| **Version Control** | Subversion (SVN), github |
| **Other Tools** | Business Object Data Services (SAP BODS), GITHUB, Sql, WinSCP,  Rundeck,Jenkin, docker, Oracle,RPA Power automate Desktop |
| **Operating Systems** | Windows 2000/XP/7/8/10, UNIX, Linux. |

**PROFESSIONAL SUMMARY:**

**Client : Zenith Insurance Company, CA-USA Aug’ 17 to Jan’24**

**Position : QA Lead- SDET**

**Responsibilities:**

* Involved in establishing Selenium automation from scratch beginning from installation, writing code, designing data driven framework for some of the existing web applications for the purpose of automating regression testing.
* Created browser interaction using selenium webdriver interface and associated methods, integrated with POI API for data driven framework to retrieve and populate data from and to excel, created object repository design pattern for all the elements on a web page using Page Object Model and creating a class file for each page in the application.
* Script was coded in Java making use of OOPS concepts, making use of object arrays, loops for multiple iterations for a given workflow or user story with parameterized values. JUnit was used as a testing framework.
* Experience with continuous integration tool Jenkins in conjunction with Git and GitHub. Maven was used for versioning, build and compiling of projects.
* Experience working with TOSCA tool for Policy scenario test cases.
* Automation of ORACLE form using Worksoft certify tool (Business process with Continuous Automation tool).
* Worked in Restful services with both xml and json. Automation experience with Ready! API tool.
* Involved in smoke, integration, system, and regression testing of IAIABC portal application changes, web applications, mobile app and worker comp claims application.
* Involved in Cross browser testing for Athena Application (Web based application).
* Experience with work comp claims processing and Regulatory report to IAIABC team.
* Experience with full lifecycle of claims processing beginning from **FROI** (First Report of Injury after they have received a notification of a work-related injury or accident) to creating claim units (Add Employer, Employee, Type of work, Injury details, Work status, Wage details), **SROI** (Subsequent Report of Injury is required as part of the claims process)- creating reserves, making payments, closing the claim units, closing the claim, archiving the claims.
* Creating test plans, writing and executing test cases, creating, retesting and closing the defects.
* As a Lead, involved in organizing defect meetings, preparing daily status reports and assigning work among team members.
* Experience testing mobile web applications using chrome emulator and safari browser. Extensively involved in testing native apps using IOS and Android devices.
* Defective reporting was done on TFS. Test cases were uploaded and accessed using SharePoint and native mobile app projects are tracked using Pivotal Tracker and Rally used for insurance projects
* Involved in validating data using SQL queries in SQL server, validation of data request and response using soap UI.
* Implements agile scrum project management for their mobile app project. Involved in daily stand up meetings, working closely with developers to identify and resolve bugs, testing for rapidly iterative software processes, tracking bugs and assignments using Rally.
* Involved in testing hotfixes for production issues after a release, under time crunch and off hours, to verify the fix and test associated functionalities surrounding the fix.

**Tools:** Eclipse, IntelliJ, **Selenium**, TOSCA,WorksoftCertify,**API**, Jenkins, Maven , Jenkin, SharePoint, SQL Server Management Studio(SSMS), TestNG, JUnit, SOAP UI,Postman, Chrome Emulator, Firefox Add-ons.

**Environment: JAVA**,SQL Server, Web services, MS Word, MS Excel, Windows.

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**Client : Sync Times Aug’ 16 to Apr’ 17**

**Employer : Ilink-Multitech (Ilink digital)**

**Position : Senior Software test Engineer.**

**Description:**

Sync Times is developing a software product named “Cesium” which will provide patients with real time information on wait time in urgent care, walk-in clinic, and express care facilities.

The Cesium Patient Wait Time Application has two-fold purpose. First, provide estimated time that a patient will have to wait for being served in a walk-in medical facility. Second, improve medical staff and patient flow to better serve the patient and improve efficiency of the medical staff.

**Roles and Responsibilities**

* Automation of UI using JAVA and Selenium using page object model.
* Involved in automation testing using Java and Rest Assured for API automation. The framework was integrated with POI API for data input, log4j for logging and Extent Reports for Reporting service.
* Experience with continuous integration tool Jenkins in conjunction with Git and GitHub. Maven was used for versioning, build and compiling of projects.
* As a lead, responsible for assigning tasks and coordinating with offshore teams to get tasks delivered.
* Extensive debugging to identify the issue using splunk logs and work in conjunction with the dev team to pinpoint the issue at source code level.
* Prototype of automation using spring boot was accomplished.
* Worked in **Agile** scrums methodology for project management.
* Experience in using Ready API for API automation testing.
* Automation of regression suites to run for every sprint and release time.
* Involved in **database validation** for **SQL server** using SQL queries.
* Stories, tasks and defects created and reviewed in JIRA.

**Tools:** Eclipse, IntelliJ, **Java**, Jenkins, Maven, JIRA, SharePoint, POM, TestNG SQL Server,Rest Assured.

**Environment: JAVA**, **UNIX,** SQL Server.



**Client : Honda Nov’11 to Aug’ 16**

**Employer :Tech Mahindra**

**Position :Software Quality Engineer.**

**Description:**

Honda Motors India Ltd provides spare parts for both two and four wheeler. This Project aims to

provide a System for two wheelers which integrates the functionality of Administration of Spare

parts procuring management, Parts procurement transactions between Honda associates and

Supplier and a Schedule Application for Interaction/Data Synchronization with other systems which

make this System an Integral part with others and an Archival Functionality to enhance the

performance of the system. A Legacy system provides all required Master information.

**Responsibilities:**

• Worked with developers and business analyst for feasibility study

• Interacting with clients to understand the requirements and needs

• Involve in preparing and executing test cases.

• Review Test cases, test results and RTM.

• Involved in **Performing Functional testing, Regression testing, System testing, Integration testing, Security testing, Configuration testing, GUI testing,User Acceptance testing and defect tracking and reporting.**

• Worked in the Waterfall module for project management.

**Environment & Tools: Java, SQL Server 2008,ALM,QTP,bugzilla,Visual basic,QC.**

**EDUCATIONAL SUMMARY:**

* **Bachelor of Engineering in Computer science** from Anna university
* **Post Graduate Diploma in Cyber Security** from Anna malai university