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## SUMMARY OF EXPERIENCE

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- An Individual Contributor with experience of 9.7 years in Test Automation, Functional/Non-Functional, Backend API, Mobile Testing
- Ability to Manage the Complete Automation/Manual phases from Initiating, Planning, Test Strategy, Executing, Controlling, and Reporting
- Experience as an Author and/or reviewer of all pertinent documentation including requirements, technical specifications, design validation plans, test plans, traceability matrices and Automated Test Scripts
- Good understanding of Test Pyramid and involved in identifying Test Cases at each level of Test Pyramid (UI, API, UNIT)
- Monitoring of all the QA activities, test results, leaked defects, root cause analysis and identifying areas of improvement. Implement steps required to improve the processes
- Gather and present testing metrics and testing activities for the projects to keystakeholders
- Designed different test automation framework such as BDD, TDD, ATDD and Hybrid driven frameworks
- Implemented the Cross-browser Automation strategy in the existing framework
- Experience in setting up and maintaining the test environment such Dev, Test and UAT
- Responsible for correcting, maintaining, and improvising the test coverage and test efficiency
- Mentoring senior and associate test engineers on QA best practices including test case development, execution, and automation strategies
- Work Experience of Configuration Management Tools SVN, GIT and database tools PL SQL Developer, My SQL Work Bench
- Experienced in delivering test strategies utilizing an agile and scrum methodology
- Good understanding on Design patterns such as Page Object Pattern, Factory, Singletons

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## SKILLS

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### **Programming Skills:**

- Core Java, Java Collections, Groovy Script, XML/JSON, and SQL

### **Automation Framework Skills:**

- Page Object Model, Singleton, Factory and Strategy
- Selenium WebDriver/GRID, Auto IT using Jacob.
- TDD (JUNIT/TestNg), BDD (Cucumber, EasyB) and ATDD (Cucumber)

### **Code Base Maintenance and Execution Tools:**

- SVN, GIT, GRADLE, CI Jenkins, Jenkins Pipeline Script, Log4j, Docker

### **Test Automation Skills:**

- UI Automation using Selenium and Grid.
- API Automation using HTTP Client, Rest Client and Rest Assured.
- Native/Hybrid/Browser apps testing using Selendroid and Knowledge on Appium.

- Manual verification using POSTMAN and Rest Client

**Performance Testing Tools:**

- JMeter, Blaze meter

**Performance Monitoring/Alert Tools:**

- AppDynamics, AWS Cloud Watch, S3 and Lambda Functions

**Project/Test management Tools:**

- Rally, HP-QC/ALM, Test Links, JIRA

**SQL DB:**

- Oracle, My SQL

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EXPERIENCE

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**Sr QA Automation Engineer**

Oct 2019 – Present

*Connexus Secure*

- Altering the existing framework to support multiple features.
- Implemented parallel and sequential execution of test scripts.
- Creating and maintaining the test cases.
- Creating Test Strategy, Test Plan and Test Summary
- Send status reports to the team.
- Responsible for UI and API Automation Development.
- Participating in the Backlog Grooming, Sprint Planning, Sprint Review and Sprint Retrospectives.
- Framework used in the current projects at Connexus secure is with Gradle nature with Test Ng, hibernate, UI Automation (Selenium), API Automation (Rest Assured), Jenkins's pipeline scripts and Git for Project Repositories

**Principal Software Validation Engineer**

Feb 2014 -Sep 2019

*PAREXEL*

- Analyzed and reviewed business requirements and functional design specifications with developers, project managers, and QA manager to ensure all requirements are met.
- Developed test plans that detailed testing scope, strategy with respective to test pyramid, high-level test requirements, and required resources.
- Implemented Framework which supports BDD with Cucumber-JVM
- Documented timely reports related to release process, working and testing results of application.
- Managed the defect analysis system and identified functions in the application to be tested based on importance and prioritized based on deadlines.
- Established SDLC test practices and incorporated automated functional and load testing tools.
- Managed the entire automated functional and load testing activities.
- Provided and demonstrated proof of concept as it related to automated and manual test practices.
- Attending daily scrum calls and updating the status of the assigned tasks
- Tracking the status of the Bugs in Rally and ALM QC
- Building, Committing the latest code from and / to SVN
- Involvement in Preparation of Test Procedures, Test Scenarios, Test Cases and Test Data.
- Responsible for GUI, API and Functional Testing, using Black box Testing Techniques.

- Involvement in Test Execution, Results Analyzing and Defect Reporting.
- Involved in Automation Infrastructure Development using Selenium.
- Created Test Cases Using Selenium Web driver methods.
- Enhanced Test cases using Java and groovy programming features and Cucumber Annotations.
- Execution of Selenium Test cases and Reporting defects.
- Involvement in solving Environmental problems along with Technical Support People.
- Involved in Regression Testing using Selenium through nightly builds using Jenkins and maintains of the Automation Test Scripts both GUI and API.
- Preparation of weekly and monthly status reports.

#### **Senior Test Engineer**

Jun 2012 – Feb 2014

*Aricent Group*

- Involved in modifying the Hybrid Driven Framework using Selenium RC, Grid, Multithreading (Instead of TestNg).
- Analyze Scope of the Test Cases For automation in Upcoming Builds & Releases.
- Executing the corresponding TC for Every day DIT, SIT Build. Jenkins Server triggers Scripts Automatically, whenever build is completed with new revision.
- Preparation of automation tests using the Selenium RC, Web Driver and Grid.
- Execution of Test Scripts & analyzing the results.
- Setup the data for each release and upload the results (HTML Report) on day-to-day bases.
- Executing the Test Scripts on Parallel in Multiple Systems using Selenium Grid.
- Ensure code coverage of 80% through automation scripts on par with the Manual test cases created as part of progression.
- Check if the Regression scripts are working for each release and make sure it is running on a day-to-day basis.
- Debugging the tests & fixing the errors in the tests using the Eclipse.
- Increase the defects identified through automation. Enhance the scripts in a way to put more check points all over to effectively catch defects.
- Help team to understand selenium automation (By giving the KT).

#### **Automation Engineer**

February 2012 – May 2012

*Reva Tech Solutions*

- Preparation of POC for MPFP.
- Maintain the Test Cases in Test-Links.
- Execution of manual test cases to understand the Functionality.
- Preparation of automation tests using the Selenium RC, Web Driver and Grid.
- Execution of Test Scripts & analyzing the results.
- Debugging the tests & fixing the errors in the tests using the Eclipse.
- Executing the Test Scripts on Multi-Browsers using Selenium Grid2 with Testing.
- Android Native App automation using Selendroid
- Designing Test Cases, Execution of the test cases and Reporting bugs.
- Analyzing Test Results, interacting with developers and supporting developments

- Maintaining the Bug reports and Tracking the status of the bugs
- Providing regular status updates to respective lead and daily communicating with onsite lead for any issues, functionality
- Prepared and documented the test conditions and test cases.
- Run test cases, and track defects & reported the Bugs via Bug tracking tool. Interacted with developers to report the bugs and status of the bug.

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## EDUCATION

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<b>Napier University</b> <i>Edinburgh, Scotland</i>	Oct 2008 – Nov 2010
<ul style="list-style-type: none"> <li>• PG Dip in Information Systems Development</li> </ul>	
<b>Anna University, TCET College</b> <i>Chennai, TN</i>	Jun 2005 – Apr 2008
<ul style="list-style-type: none"> <li>• PG in Master of Computer Applications</li> </ul>	
<b>Nagarjuna University, SCAS College</b> <i>Maddur, AP</i>	Jun 2002 – Apr 2005
<ul style="list-style-type: none"> <li>• BSc in Mathematics, Electronics, Physics</li> </ul>	

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## CERTIFICATIONS

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<b>AI for Element Selection: Erasing the Pain of Fragile Test Scripts</b>	<a href="#">49bf73ce - Apr 2019</a>
<b>Automating your API tests with REST Assured</b>	<a href="#">4750be5a - Apr 2019</a>
<b>Exploring Service APIs through Test Automation</b>	<a href="#">df21a51a - Apr 2019</a>
<b>TestNG</b>	<a href="#">7c389055 - Apr 2019</a>
<b>Scaling Tests with Docker</b>	<a href="#">82fd2606 - Apr 2019</a>
<b>TAU - Open House</b>	<a href="#">b59e3210 - Apr 2019</a>
<b>The Whole Team Approach to Continuous Testing</b>	<a href="#">7b948d34 - Apr 2019</a>
<b>Web Element Locator Strategies</b>	<a href="#">0573ab52 - Apr 2019</a>
<b>Automated Visual Testing: A Fast Path to Test Automation Success</b>	<a href="#">083f5264 - Feb 2019</a>