**HEMANTH KUMAR VELAMURI**

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**Professional Experience**

* **9+ ‬Years** of experience in **Development**, **Manual Testing and Automation using Selenium/Web driver** for Web based applications and **Mobile testing** for **Android Messages** and **Gmail** applicationat client location **Google**.
* Expertise in various S/W Testing Topicslike Usability Testing, Compatibility Testing, Configuration Testing and Functional Testing.
* Worked as **Full stake** **Developer** using Struts1.3 framework in starting of the carrier for 3 years.
* Worked on technologies like jQuery, Bootstrap, ANT, JavaScript and deployment tools **Putty** and **WinSCP**.
* Deployed the project builds to the **Tomcat server** using **WinSCP** and executed \*.sh file which contains **UNIX** commands to stop, start server and copy files to server and backup files.
* Worked extensively in Data Driven Framework, POM, Keyword driven, TestNG Framework, TestNG Annotations, Selenium Web Driver.
* Worked on **Jenkins** for Continuous integration and failure analysis.
* Able to design Test Scenarios and Test Cases and Test Data for allocated Modules of SUT functional Testing & other Non-Functional Testing.
* Having Strong knowledge on **Black Box Testing** Techniques.
* Well versed in various levels of Test Execution like Smoke Testing, Sanity Testing, Re and Regression Testing.
* Strong in Defect Reporting, Tracking and other Bug Life Cycle (BLC) Stages.
* Proficiency working in a fast faced **Agile** environment.
* Have Good experience on **API Testing** using **Postman** to test CREATE, READ, UPDATE and DELETE operations and verifying the response.
* Having Strong knowledge on‬ Core Java.‬‬‬
* Experience in writing SQL queries and Stored procedures for‬ **MySQL**.‬‬‬
* Good at multi-tasking and working well under tight deadlines with high efficiency.
* Dedicated and Self-motivated to take independent responsibility coupled with ability to contribute as a team member.

‎**Skill Summary** ‬‬‬

Automation Testing Tools : Selenium IDE, Selenium WebDriver, Eclipse, NetBeans, Postman.

Manual Testing : Software Development Life Cycle, Software Testing Life Cycle, BLC.

Languages : Core Java, JavaScript, SQL

Web design Tech : HTML, JSP, Bootstrap, CSS

Framework : POM, TestNG, Struts 1.3

Test Methodology : Agile

Continuous Integration : Jenkins

Databases : MySQL, SQL Server

Operating Systems : Windows

Domains : Health Care, ERP, Insurance

Test, Defect Management Tools : JIRA, Perforce, Code Collaborator, Confluence, Putty, WinSCP.

**Professional Experience**‬‬‬

Working as a Senior Consultant with “Virtusa”(Client Google Inc. & PEGA) **Hyderabad**‬‬‬‬ from **Mar 2019‬ to Till Date**

Worked as a Senior Test Automation Engineer‬‬‬ with “**GSR-Inc.**”(Client **ICU Medical**) **Chennai**‬‬‬‬ from **Mar 2016‬ to Feb 2019**

Worked as a Software Engineer with “‬**HCL Technologies**” **Chennai**‬‬‬‬ from **Feb 2015‬ to Mar 2016**

Worked as a Software Engineer with “‬**G3 Soft Tech Pvt Ltd**” **Bangalore**‬‬‬‬ from **Oct 2011‬ to Feb 2015**

**Education**

MCA with aggregating **73%** from Jawaharlal Nehru Technological University (‬2007-2010) Anantapur.‬

**Projects Details**

**Project‬#1 ‬: PEGA SD (Smart Dispute)**

Duration ‬ : ’Mar‬’20 – Jan 2021.‬‬‬‬‬‬

Role : Lead consultant‬‬‬

Project Description:

The PEGA SD applications automation testing, converting sanity test case into automation.

Roles & Responsibilities:

* Develop and Maintain java wrapper methods to enhance the existing framework
* Execute test scripts and analyzing the test reports.
* Participated in Test case document reviews.
* Analyze and locate the exception layer where failure of test scripts occurred and fix the scripts.
* Report defects & assist fixes through participation in Defect Triage.
* Regression testing of application on defects fixes.
* Defect raised and logging.
* Attended Daily Scrum Call and kept the Team updated on the Project Status.
* **Automation using selenium and Java**

**Project‬#2 ‬: Android Messages, Gmail (Client Google)**

Duration ‬ : ’Mar‬’19 – Feb’20.‬ ‬‬‬‬‬

Role : Lead consultant‬‬‬

Project Description:

The Android messages & Gmail applications automation testing, converting sanity test case into automation. The aim is to automate the Test cases which was doing manual before.

Roles & Responsibilities:

* Develop and Maintain Copycat wrapper methods to enhance the existing framework
* Execute Data driven copycat scripts and analyzing the test reports.
* Participated in Test case document reviews.
* Analyze and locate the exception layer where failure of test scripts occurred and fix the scripts.
* Report defects & assist fixes through participation in Defect Triage.
* Regression testing of application on defects fixes.
* Defect raised and logged in Bugnaizer
* Attended Daily Scrum Call and kept the Team updated on the Project Status.
* **Automation using copycat and Java**

**Project‬#3 ‬: ICU Medical MedNet™ Safety Software**

Duration ‬ : ’Mar‬’16 – till Feb’19.‬‬‬‬‬‬

Role : Senior Test Automation Engineer‬‬‬

Project Description:

The ICU Medical MedNet safety software manages Intravenous infusion (IV infusion) information for different infusion pumps and facilitates best practices to help reduce medication errors, improve quality of care, streamline clinical workflows and deliver potential cost savings. All data entry and validation of infusion parameters is performed by a trained healthcare professional according to physician's orders.

Roles & Responsibilities:

* Develop and Maintain WebDriver wrapper methods to enhance the existing framework
* Execute Data driven selenium scripts and analyzing the test reports.
* Introduce Team members to the framework, and help in finalizing automation approach
* Participated in Test case document reviews.
* Analyze and locate the exception layer where failure of test scripts occurred and fix the scripts.
* Report defects & assist fixes through participation in Defect Triage.
* Prepare the Daily Test Progress Report and Test Execution Report.
* Regression testing of application on defects fixes.
* Defect raised and logged in JIRA
* Attended Daily Scrum Call and kept the Team updated on the Project Status.
* Attended daily Requirements Clarification call and verified that both Dev and Testing team are on the same page.
* **Automation using Selenium and Java**
* Help in Setting up the Test environment

**Project‬#4 ‬: ‬Digite Smart**‬‬‬‬‬‬‬‬

Duration ‬ : ’Feb‬’ 15– till ’Mar’ 16.‬‬‬‬‬‬

Role : Software Engineer‬‬‬

Project Description:

‎‏Digite Smart is a Project Management solution. It is the first building block for your enterprise project, portfolio or process management need and is most suitable for organizations ready to roll-out a comprehensive yet simple to use project management tool. Project Management solution allows your organization to effectively manage the following key business processes like Task Planning, Resource Management, Issues Tracking, Risk Tracking, Document Library, Timesheet, Effort Estimation, Work Package, Earned Value Management, Agile Project Management, CMMI L3 and CMMI L5 metrics

**Responsibilities:**

* Participating in sprint planning meeting and make sure AC to be corrected
* All FNVs to be completed within sprint
* Automate applicable story functionality in Selenium data driven of previous sprint in the early sprint using Selenium Framework
* Report product bugs identified during the Sprint, verify fixed bugs and issue resolution.
* Involved in debugging and reviewing the Automation Test Script.‬‬‬
* Smoke testing the new builds to ensure that build is stable.
* **Automation using Selenium and Java**
* Involved in Developing, Reviewing and Executing Automated Test Scripts.

**Project‬#5**  ‬: **Compass**‬‬‬

Duration : ’Dec’ 12‬– ’Feb’ 15.

‬‬‬‬‬‬Role : Software Engineer ‬‬‬(Developer)

Project Description:

This Project is basically an ERP project to which is developed in **SAAS** mode land available for all type of market segment. Being an Internet based service anyone across the globe can access the system and can maintain their day-to-day business in a professional manner.

Compass focuses on 2-primary points for any business segment to Grow or Lead. Analyze the Business & Manage the Business. This process is Continuous. The effect is getting the business in Right direction. All subsystems are interred connected and forms the complete COMPASS.

The Modules Involved**: Profile Setting, Kyc, Fabricator, Stock Board, Financial Affairs, Bill Desk, BI-Reports.**

**Roles and Responsibilities:**

* Understand the Functional Specifications.
* Writing Code and Test Cases according to the functional specifications.
* Transforming manual test cases into modular automated tests using Selenium Web driver and data driven framework
* Involved in debugging and reviewing the Automation Test Script.‬‬‬
* Involved in Developing, Reviewing and Executing Code and Automated Test Scripts.
* Provide metric inputs into daily Test Status Reports (TSR) for Project Manager.
* Actively participated in review meetings.
* Leading Test cases reviews, test runs and test schedules.
* Involved in functional testing & Regression testing.
* Performed database testing.

**Project‬#5 ‬: ‬liteERP**‬‬‬‬‬‬‬‬‬

Duration ‬ : ’Oct‬’ 11‬– ‘Nov’ 12.‬‬‬‬‬‬

Role : Software Engineer ‬‬‬(Developer)

Environnent ‬: ‬ JSP, ‬Struts, ‬Servlets‬, ‬JDBC, MySQL, Agile

Test Environment : Manual

Project Description:

‎‏This project is basically an ERP Project to which is developed in SAAS model and is available for all type of market segment. Being an internet based service anyone across the globe can access the system and can maintain their day to day business in a professional manner. This project deals with different modules which are supporting all functionalities as Profile Setting, Product Category, User Vendors, Invoice, Inventory and Reports.

**Responsibilities:**

* Understanding Functional requirements.
* Identified the Test scenarios
* Involved in writing Test Cases and test scripts
* Performed in GUI, Black Box Testing and Regression Testing
* Involved in Integration and System Testing
* Actively Participated in review meetings.
* Executed Test case and test script. ‬‬‬