**SAI SRINIVAS**

**Performance Test Engineer**

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PROFESSIONAL SUMMARY

* Having **8+ years** of Experience in IT industry, in the field of **Performance Testing, Performance Engineering** and **DB testing** of WEB based applications.
* Strong knowledge in Software development Life Cycle (**SDLC**), Software Testing Life Cycle (**STLC**).
* Through understanding of System requirement Specifications, Functional specification and Non Functional Specifications.
* Having good experience in **Web (HTTP/HTML), Web Service and JAVA protocol.**
* Extensive experience on using **Loadrunner** **Controller** and **Performance Center**.
* Having good experience in using **Jmeter** for performance Testing
* Having good experience using **Wily Introscope, JavaVM, JMC**
* Exposure to monitor **Unix servers(Web servers & Application Servers**).
* Expertise in analyzing business requirements to develop and document **Test plan, Test Scripts, Test scenarios, and PIA reports.**
* Good experience in creating, modifying and enhancing **manual Test** **cases** and **LR scripts.**
* Thorough hands on experience with designing test cases covering all test conditions and eliminating **redundancy** and **duplications**.
* Thorough hand on experience with all levels of testing including **Integration** Testing, **System** Testing, **User** **Acceptance** Testing and **Performance** Testing.
* Good working knowledge of major Operating Systems and tested applications on Windows **98/2000/XP, Mac, Unix, Linux, Sunsolaris, AIX** environments.
* Good experience in using **Oracle 10g, MySQL.**
* Involved in **web testing** as well as **database verification Testing**.
* Involved in **Browser** **compatible** testing with different browser like FF and Chrome
* Involved in **Credit Card testing.**
* Proficiency in defining and executing Test cases, developing and maintaining, Test Data & analyzing bugs.
* Thorough understanding of the **defect life-cycle process**
* Organized weekly status meeting with the team and was responsible for meeting the project deadlines.
* Good experience in **pushing the code** from Dev till Stage & Performance Test Environment and **deploying the** **servers** by using **Perforce** and **Build** **UI**.
* Good experience of gathering Non- Functional requirements.
* Involved in writing **Shell scripting**.

skill set

**Technical:**

Programming Languages : C, Java, Python

Data base : Oracle, MySQL

Web Technologies : HTML, XML

Operating System : Window XP,UNIX, MAC, RHL4&5

Browsers : IE, FF, Edge

Scripting Language : BeenShell, Groovy

Performance Tools : LoadRunner, Jmeter

Monitoring Tool : Wily IntoScope, JavaVM, Dynatrace, Grafana

Bug Tracking Tools : Team Track, Squish List, JIRA

Deployment Tools : Perforce

Application Servers : Web logic

Web Servers : Apache, Jakarta-tomcat

Tools/Technologies : Toad, Oracle SQL Developer , EditPlus

MS-Suite : MS-Word, MS Excel, MS PowerPoint, MS Outlook

Test Management Tools : Test Link

EDUCATION

* Completed B.Tech from JNTU in 2013

PROFESSIONAL EXPERIENCE

* Worked as a performance Test Engineer in Ariscent Software Solutions Pvt Ltd from Aug 2016 to Nov’24

projects

 **Project #5:**

**Title**  **:** Online Insurance Management System

**Client :** Amica Mutual Insurance, USA

**Duration :** Feb 2022 to Till Date

**Tools :** Loadrunner

**Description**:

This application maintained Life Insurance Information about the insured, spouse etc. It maintains the payment history of the members Insurance claims, monthly insurance premiums paid etc. The system keeps track of business generated by the Agents and Commissions paid to the agents under different Insurance schemes. Report generation capability for daily and monthly statements was provided.

**Responsibilities:**

* Involved in gathering Non Functional Requirements.
* Involved in preparing test plan.
* Involved in setup of Performance test environment.
* Good experience in Vugen scripting.
* Parameterized and manually correlated the scripts to simulate user load.
* Involved in Preparing scenarios and Executed Load and Stress test in PC.
* Monitored the System Resources using Wily Introscope.
* Involved in preparing Shell scripting
* Experience in Debugging the script.
* Experience in Preparing PIA reports.
* Used **Web Services and Web(HTTP/HTML)**.
* Involved in Test plan and PIA report walk through.

**Project #4:**

**Title :** Inventory Management System

**Client :** Rydent Private Limited, Singapore

**Duration :** Dec 2020 to Feb 2022

**Tools** **:** Oracle, Jmeter

**Description**:

Inventory Management System is a finance domain application. It offers various features for the user to master the product detail, quote, generate sales and delivery order as well as invoice. It provides the statistics of available products dynamically depends on the purchase and allows user to manage the customer information. System also allows the user to extract various reports based on his/her requirements such as product wise, customer based and sale order etc. Application can be accessed by 2 kinds of users namely Administrator and Generic user. Administrator is responsible for creating generic users and can grant permissions at different levels. Generic user involves in every part of the work flow starts from creating the quotation to the invoice generation.

**Responsibilities:**

* Involved in preparing Test Plan and Manual Test cases.
* Involved in modifying and enhancing existing Test cases.
* Develop the **Jmeter** scripts and verify those before the final execution.
* Involved in enhancing the script using correlation and parameterization
* Involved in installing build in QA environment in Linux servers.
* Involved in Agile Methodology in Software Development Life Cycle
* Monitored the System Resources using Dynatrace.
* Involved in daily standup meetings.
* Involved in filing bugs in bugzilla
* Wrote test cases for functional specifications and test them manually
* Involved in DB testing.
* Involved in writing Joins and Sub queries.

**Project #3:**

**Title** **:** Life Insurance

**Client** **:** Skandia Life Insurance, UK

**Duration** **:** Jun 2019 – Dec 2020

**Tools**  **:** Jmeter, JVisual VM

**Description:**

Skandia Life Insurance is a life Insurance Product that consists of modules like new Business, policy services, Re-insurance Agency, Moment, Client data bank, and Accounts. New business is a business brought by the agent and his business is called a Proposal. Proposals will be approved by underwriters to convert into a policy. These underwriters check for all the eligible criteria like Clients annual income, age, health, etc along with this proposal needs more amount of money in suspense to convert into a policy. This includes internal and external funds maintenance for the injurer. Agency module maintains all the details about individual and company agent. Moment module maintains all the modification details of the insurer.

**Responsibilities:**

* Understanding/gathering Non- Functional Requirements.
* Involved in preparing test plan.
* Good experience in preparing test scripts using Jmeter
* Preparing test data for Load and Soak test using stored procedures.
* Enhancing the script using parameterization, assertion and correlation.
* Involved in calculating think time using little’s law.
* Involved in configuring Jmeter distributed model for performance testing to achieve 2000 user load.
* Involved in Preparing scenarios and Executed Load and Soak test.
* Analyzing heap dump and thread dump.
* Monitored the serve side resources using JvisualVM
* Preparing performance Impact Analysis reports.
* Finding bottlenecks by analyzing the server side graphs

**Project #2:**

**Title** **:** Open Finance Exchange

**Client** **:** WF bank

**Tools** **:** Loadrunner

**Duration** **:** Sept 2017 to Jun 2019

**Description**

Open Finance Exchange stands for Open Financial Exchange and is a unified specification for the electronic exchange of financial data between financial institutions, businesses and consumers via the Internet

**Responsibilities**:

* Involved in gathering non-functional requirements.
* Involved in preparing test plan.
* Experience in setup of performance test environment.
* Involved in preparing performance test scripts and test scenarios.
* Good experience in preparing and debugging script using Vugen.
* Involved in Web (HTTP/HTML) , Rest and SOAP Performance Testing.
* Executed different tests (Load, stress and Soak) based on client needs.
* Monitor graphs using Wily introscope.
* Experience in detailed analysis of performance tests and reports.

**Project #1:**

**Title :** Content Management System

**Client :** Content Management System , QS, USA

**Duration :** Aug 2016 to Sept 2017

**Tools** : Oracle, Manual Testing

 **Description:**

CMS is a web base application where we can add Blurbs, add Articles, Images, create Web sites, create Pages and export/import data related to specific web site.

**Responsibilities:**

* Involved in preparing Test Plan and Manual Test cases.
* Involved in modifying and enhancing existing Test cases.
* Involved in installing build in QA environment in Linux servers.
* Involved in Agile Methodology in Software Development Life Cycle
* Involved in daily standup meetings.
* Involved in filing bugs in bugzilla
* Wrote test cases for functional specifications and test them manually
* Involved in DB testing.
* Involved in writing Joins and Sub queries.