

Jai Sharma

Noida, 201301 | 9871125206
jai.sharma3935@gmail.com
in www.linkedin.com/in/jaisharma-test-engineer

Objective

My career objective as an Automation Engineer, with 5.11 years of IT experience, is to contribute to high-quality software development through automation. My aim to leverage my expertise in testing methodologies, SDLC phases, and management scenarios to create innovative and reliable automated testing solutions in a collaborative team environment. My goal is to continually push the boundaries of excellence in software testing, ensuring top-notch quality and reliability in the products developed.

Experience

Software Engineer

Jan 2018 - Present

Cavisson Systems, Noida

- Reviewed and defined **Test Basis**, crafted **Test Strategies, Plans**, and documented **Test Cases**, successfully executing them
- Proficient in identifying test cases for **manual and Selenium WebDriver** based automation, covering smoke, Functional, and Regression Tests.
- Demonstrated expertise in **back-end automation** for functional testing, utilizing **shell scripts, Ant, and Needle framework**.
- Experienced in **applying Scrum (Agile) and Waterfall methodologies** to the testing process.
- Expert in defect **identification, reporting, and tracking using Bugzilla**.
- Competently set up **Kafka, IBM-MQ, and Tibco** applications with Docker for **JMS testing**.
- Utilized **RBU (Real Browser User)** tool to simulate real user behavior, measuring web metrics such as Response time, Rendering time, Dom load, On Load, Page Load, Page availability, and Page score.
- Conducted **performance audits, accessibility assessments, and SEO** evaluations of web pages using Lighthouse.
- Skilled in Netstorm tool for **Performance, Load, Endurance, and Spike Testing** on various websites.
- Collaborated with **cross-functional** teams to define and document test strategies, plans, and test cases.
- Communicated test findings and recommendations effectively to both technical and non-technical stakeholders.
- Demonstrated adaptability by successfully working in **Agile (Scrum) methodologies**.
- Utilized excellent problem-solving skills to identify and report defects using **Bugzilla/Jira**.
- Effectively coordinated with team members for setting up **Kafka, IBM MQ, and Tibco** applications using Docker for JMS testing.

Testing Tools:

Netstorm,
Jmeter,
Test Link,
Postman

Database:

SQL,
Mongodb

Continuous Integration/Deployment:

Jenkins,
Docker

Version Control:

GIT

Testing Tools:

Netstorm,
Jmeter,
Test Link,
Postman

Automation Tool:

Selenium WebDriver,
TestNG,
Apache Ant,
JIRA Tool,
Jenkins

Messaging Systems:

Kafka,
IBM MQ Series,
TIBCO.

Testing Methodologies:

Agile Development:
Scrum,

Kanban,

Testing Techniques:

Black Box Testing,
Load Testing,
Performance Testing,
Endurance Testing,
User Acceptance Testing,
Quality Assurance Testing,

Test Management:

Tools:

JIRA Tool,
Bugzilla,
Test Link

Test Planning and Execution:

Business Requirements Review and Analysis,
Test Plan and Test Case Creation,
Test Scripting,
Test Estimation

Documentation:

Requirement Traceability Matrix,

Communication and Collaboration:

Tools:

JIRA Tool,
GIT

Skills:

Cross-functional Collaboration,
Problem-Solving,
Adaptability

Additional Tools:

Postman: Used for API testing and collaboration,
Dev Tool (Chrome Browser)

Projects

- **Real Browser User (For testing web applications)**
 - Utilized RBU (Real Browser User) tool to simulate authentic user behaviour and measure important web metrics including Response time, Rendering time, Dom load, On Load, Page Load, Page availability, and Page score. These tests provided valuable insights into the performance of the web applications.

- Conducted API testing using Postman tool, ensuring the functionality, reliability, and security of the APIs. Also, performed API automation using Postman, improving efficiency and accuracy in executing repetitive test cases.
 - Implemented backend automation using the Needle framework, Apache Ant, and shell scripting for the RBU tool. This enabled seamless integration and smooth functioning of the tool, simplifying the testing process.
 - Tested all the affected areas of the above feature. Logged defects through Bugzilla. Documented all the test case for the testing in test link.
- **Netstorm (A load generating Tool):**
 - Implemented automation testing using Selenium, Maven, and TestNG for the Netstorm product.
 - Integrated Selenium test cases with Jenkins to achieve automation pipeline, ensuring seamless delivery of result emails to all stakeholders.
 - Logged found defects using bugzilla for effective defect Tracking.
- **Netvision Synthetic Monitoring (Web application testing via generating load from different locations:)**
 - Developed a comprehensive requirement traceability matrix to ensure all affected areas were covered in testing, resulting in improved test coverage.
 - Created and executed effective test cases for the NVSM tool, promptly identifying and resolving issues reported by clients.
 - Enhanced testing processes by implementing backend automation using Needle for the NVSM tool, resulting in increased efficiency and accuracy by 70%.
 - Leveraged Selenium and Java, along with Maven and TestNG, to automate the NVSM tool, reducing manual effort and improving productivity.
 - Streamlined the testing process by integrating both backend and UI automations with Jenkins, facilitating seamless delivery of test results which increased the efficiency by 80%.
- **Java Messaging Services**
 - Created the IBM-MQ , Kafka , Tibco ,Rabbit MQ setup using docker for quick deployment and efficeancy.
 - Tested the integration of IBM-MQ, Kafka, Tibco, Rabbit MQ services in NetStorm.
 - Created all the test case, design document, test plan and test estimation for JMS integration with netstorm.
- **Netcache Hits - Header Configuration:**
 - Testing of NetCache Hits/Miss based on response Header for Akamai Tiered Distributed system.
 - Created the Test Plan, design document, Testcacses, on the basis of client requirement.
 - Automated the whole process with ant-apache needle framework.

• Real Device Test Automation:

- Testing of native and web application services on real Android, and iOS devices on either public or private cloud for multiple devices.
- Created and executed effective test cases for the NVSM tool, promptly identifying and resolving issues reported by clients.

Skills

Bachelor of Technology (B.Tech.) - Computer Science

2015

JRE Groups Of Institutions, Gr.Noida

12th

2011

Vivekanand School, Anand Vihar, Delhi

10th

2009

Deep Memorial Public School, GZB, U.P