Shantanu Avhad
Software Test Engineer

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Objective

Experienced and results-driven **automation Test Engineer** with **3+ years** of experience in **Manual Testing and Automation Testing**, specializing in **Selenium WebDriver, API testing with Postman**, and performance testing using **JMeter**. Proven expertise in developing **automated test scripts**, creating and executing **test plans**, and improving software quality and reliability. Adept at collaborating with **cross-functional teams** in **Agile-Scrum** environments to ensure timely, high-quality feature delivery. Seeking new opportunities to leverage my skills in **test automation, API validation, and CI/CD processes** to drive continuous software improvements and optimize performance.

Skills

- **Automation Testing**
- **Manual Testing**
- **Database Testing**
- **API Testing**
- **Defect Reporting**
- **Defect tracking**
- **Writing Test cases**
- **Agile**
- **Communication**

Technical Skills

Testing Tools	: **Selenium IDE/WebDriver**,	Methodologies	: **Agile** - Scrum, **Waterfall**
Languages	: **JAVA, HTML, XML, SQL**,	Bug Tracking Tools	: **JIRA**,
IDE	: Eclipse, SQL Developer	CI/CD	: **Jenkins**
Test Framework	: Junit, TestNG, Data Driven Framework, Cucumber	Version Control	: GIT, Bit Bucket
API Testing Tools	: **SoapUI**, **Postman**, or other WS tools	Data Bases	: MS Access, Oracle, MySQL,
Build Tool	: **Maven**	Operating Systems	: Windows (7, 8,10, 11) Mac

- **Work Experience**

JLL Technologies solutions	Software Test Engineer	Aug 2021 to present

Professional Summary

- **Experienced Software Test Engineer** with **3 years** of hands-on expertise in **manual and automation testing**, ensuring the delivery of high-quality software products.
- Proficient in **Selenium WebDriver** for creating robust test **automation scripts**, enhancing test coverage and efficiency.
- Strong command over **JAVA, HTML, XML**, and **SQL**, utilizing these technologies to design and implement comprehensive test cases.
- Experienced in **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)**, ensuring thorough planning, execution, and delivery of high-quality software products through well-defined testing phases and processes.
- Expertise in developing and executing tests within various **Test Frameworks** like **TestNG, Junit**, and **Cucumber** for **behavior-driven development (BDD).**
- Skilled in **API Testing** using **SoapUI, Postman**, ensuring seamless **backend and frontend integration** and reducing defects in web services.
- Extensive experience in working with **Agile-Scrum** and **Waterfall** methodologies, collaborating with cross-functional teams to ensure timely delivery of high-quality features.
- Familiar with **CI/CD pipelines** through **Jenkins** integration, streamlining automated testing workflows and continuous software delivery.
- Proficient in **Bug Tracking** and defect management using **JIRA**, ensuring thorough tracking, reporting, and resolution of software issues.
- Strong version control skills with **GIT** and **BitBucket**, managing code repositories and maintaining test artifacts effectively.
- Experienced in testing on **various databases** such as **Oracle, MySQL**, and **MS Access**, conducting backend validations to ensure data integrity and accuracy.

Work Experience

JLL Technologies solutions	Software Test Engineer	Aug 2021 to present

Project Name   : **Space 3.0 Stacking v2**
Client   : **Google**

Roles and Responsibilities

- **Automated web application testing** using **Selenium WebDriver**, developing and maintaining scalable automated test scripts to ensure quality and functionality across multiple browsers.
- **Designed and executed performance tests** using **JMeter** to evaluate system behavior under different load conditions, identifying bottlenecks and optimizing application performance.
- **Developed custom test scripts** to simulate **user interactions and measure application response times**, improving system efficiency and user experience.
- **Conducted load, stress, and endurance testing** to validate system performance, identifying and **resolving 95% of critical issues, ensuring 99.9% system reliability** under varying conditions.

- **Utilized** Postman for **API testing**, performing detailed **validations of RESTful services** to ensure accurate data exchange and **system functionality.**
- **Managed bug reporting, tracking, and resolution** throughout the software development lifecycle using **JIRA**, ensuring clear communication of **defects, prioritization, and timely closure while reducing defect leakage** and improving overall software quality.
- **Utilized JMeter and Fiddler** to simulate real-world scenarios, analyze performance metrics, and deliver actionable insights, ensuring system scalability and reliability.
- **Collaborated with development and QA teams** to implement performance enhancements, improve software quality, and increase test coverage across various projects.
- **Captured and analyzed web traffic** using Fiddler to identify performance issues, **troubleshoot API calls**, and resolve technical problems affecting system functionality.
- **Generated detailed performance test reports** and communicated findings to stakeholders, contributing to data-driven decision-making and issue resolution.

Project Name   : ER validation
Client   : Google
Roles and Responsibilities

- **Developed and executed automated test scripts** using industry-standard tool such as **Selenium WebDriver and Java** resulting in a 30% reduction in testing time.
- **Developed and executed automated test scripts** using **TestNG** within a **Data-Driven Framework**, allowing for efficient testing with multiple data sets, improving test coverage and reducing manual effort in regression testing.
- **Reported and tracked software defects** by using **defect tracking tool Jira** and assisted with **root cause analysis**, resolved 75% of issues discovered.
- **Led the development and implementation** of a testing framework using the **Page Object Model (POM) design pattern**, improving test maintainability, scalability, and efficiency.
- **Configured and optimized Maven build processes** to streamline project dependency management and enhance the efficiency of software development workflows.
- **Developed and executed test plans and test cases** for multiple projects, ensuring software quality, reliability, and smooth production releases.
- **Implemented and maintained test automation frameworks** to support **continuous integration (CI) and deployment (CD) processes**, ensuring faster release cycles.
- Conducted **regression testing to validate software releases** and identify potential issues introduced by new features or code changes.
- Participated in **Agile ceremonies including sprint planning, daily stand-ups, and retrospectives** to ensure alignment with project goals and timelines.
- Collaborated with **stakeholders to gather and analyze** business requirements, exceeding expectations by 80%.

Project Name   : Latam AR/AP
Client   : Walmart
Roles and Responsibilities

- **Conducted manual testing** of **web and mobile applications**, **identifying and reporting over 100 defects** to ensure functionality met business requirements and user expectations.
- **Executed regression test suites** and validated **software updates, contributing to a 20% reduction** in post-release defects by ensuring stability of new code changes.
- Conducted comprehensive **regression testing, system testing, smoke testing, integration testing, and functional testing** to ensure software quality.
- **Reported and documented defects** using **JIRA, tracking resolution progress** and ensuring 95% of reported issues were closed within the sprint cycle.
- **Collaborated closely with senior QA engineers**, learning automation techniques and contributing to the automation of 30% of manual test cases.
- **Participated in Agile development** activities such as **daily stand-ups, sprint planning, and retrospectives**, contributing to continuous improvement in testing and project delivery.

Education

Bachelors of Computer Application 2020
Achievements

- **Client services champion.**
- **PM recognition**
- **Certification of appreciation**
- **Google Kudos awards**
- **Appreciation mail**