

AYUSH DAYAMA

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Automated Testing Engineer with 5+ years of experience in software quality assurance, proficient in Java and Selenium, test automation framework development, experienced in database testing, and performance testing.

SUMMARY

- Automated Testing Engineer with 5+ years of experience in software quality assurance of web-based and desktop applications, utilizing both automated and manual methods to ensure high-quality software.
- Proficient in Java and Selenium, with expertise in integrating Maven builds, TestNG, JUnit framework, Cucumber for BDD, and performing functional and regression testing.
- Performed database testing using MySQL and software such as SQL Developer and SQL Plus, ensuring data integrity.
- Developed automation frameworks using the Page Object Model design paradigm, resulting in efficient and effective testing.
- Conducted performance, load and stress testing using JMeter and Blazemeter in GUI and CLI modes, ensuring software robustness.
- Developed and executed quality assurance test plans, analyzed and evaluated automated test cases, and prepared detailed QA reports, resulting in a streamlined software development process.
- Demonstrated excellent communication skills by collaborating effectively with cross-functional teams, and effectively identify and resolve complex issues.

SKILLS

Technical Skills	
Software Development Life Cycle (STLC & SDLC)	Agile Methodology (Scrum)
Database Testing with MySQL	Project Management (JIRA, Azure DevOps)
Version Control Systems (VCS) such as GIT	Continuous Integration and Continuous Deployment (CI/CD)
Manual and Automated Testing	
Functional Testing, Regression Testing	Smoke/Sanity Testing
Software Testing Techniques and Quality Assurance	Performance Testing and Test Case Creation & Automation
Automated Testing	
Java and Selenium	Maven, TestNG, Junit
API Testing (Postman, REST, REST Assured, SOAP)	Cucumber for Behavior-Driven Development (BDD)
Performance and Load Testing (JMeter, Blazemeter)	Test-Driven Development (TDD)
Automation Framework Development (Page Object Model)	Tools (Katalon Studio, Automation Anywhere)
Advanced Excel and VBA	Networking and UNIX/Shell Scripting

WORK EXPERIENCE

Sagility Health (Formerly HGS) | Technical Lead | Jul 2017 - Till Date

Highlights & Responsibilities:

- Improved delivery of SaaS products by utilizing Agile methodology and implementing a CI/CD pipeline using a variety of DevOps technologies
- Developed and automated test cases using Selenium and Java, resulting in a 50% reduction in manual testing time
- Utilized Data-Driven, Keyboard-Driven, BDD (Cucumber), and Hybrid Approaches to create efficient automation scripts
- Performed API testing using Postman and implemented REST APIs in Java projects
- Executed DB/ETL testing using MySQL and PL/SQL, resulting in a 25% increase in data accuracy.
- Utilized GIT/GitHub for Version Control System and Oracle SQL Developer/SQL Plus for database applications
- Conducted manual testing on web and client applications
- Implemented load testing using Apache JMeter and Blazemeter, resulting in a 40% increase in system performance
- Analyzed and carried out impact analysis on Burp reports using Burpsuite to identify vulnerabilities and implement mitigation strategies
- Possess in-depth technical experience in Excel and VBA, resulting in a 30% increase in data analysis efficiency

Noteworthy Accomplishments:

- **Innovation Award:** Received Innovation Award from Team Sagility Health and CEO of Collibrium for automating numerous processes (2022)
- **AIM (All Ideas Matter) Achiever:** Recognized as an AIM (All Ideas Matter) Achiever for developing automated projects that saved hundreds of minutes per day (2021)
- **Top-Gun Award:** Received Top-Gun Award for automating routine manual processes (2018 & 2019)

INTERNSHIP EXPERIENCE

ATOMIC 77 | Web Developer – Intern | Jan 2017 - Apr 2017

- Utilized HTML, CSS, and JS to develop the websites
- Wrote efficient and well-designed code by utilizing best software development practices
- Integrated data from several databases and back-end services

EDUCATION

- Master of Computer Application from Wesley PG College affiliated with Osmania University, India - **2020**
- Bachelor of Computer Application from Bhavans Vivekananda College affiliated with Osmania University, India - **2017**

CERTIFICATION

- SQL & Relational Databases 101 from Cognitive - IBM 2021 | [Credentials Link](#)

PROJECTS

Project Organization Duration Responsibilities	837 EDI Validation – Java Application Sagility Health Dec 2022 - Jan 2023 <ul style="list-style-type: none"> • Led the development of a highly efficient EDI validation application, utilizing Java and implementing it in the pipeline as a runnable jar. Successfully validated 837 EDI files based on default and client-specific rules with a throughput of 60000 EDI files per minute, an increase of 50x from the first release • Created a robust and user-friendly logging and reporting system for EDI validation, featuring detailed log files and HTML dashboard reports for easy analysis and tracking of results. • Implemented advanced performance optimization techniques, resulting in a significant increase in validation speed and efficiency, saving thousands of hours of manual labor for clients.
Project Organization Duration Responsibilities	Claims Management System V3 Sanity Test Automate Sagility Health Sep 2022 - Oct 2022 <ul style="list-style-type: none"> • Automated the end-to-end sanity test for an internal SaaS application (CMS3) single-handedly, resulting in a reduction of testing time from 2 hours by 2 individuals to just 15 minutes • Implemented automation techniques to improve the testing process, resulting in a significant reduction of testing time and increased efficiency. • Utilized Reporting functionality in Java to generate dashboards and logs following the automated sanity test, providing clear and concise testing feedback.