BHAWANA SONI

CONTACT DETAILS

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EDUCATION

2016
B.Tech. (Computer Science)
Poornima College of Engineering
Jaipur, India

CORE COMPETENCIES

- Software Testing
- Quality Assurance
- Regression Testing
- Functional Testing
- Performance Testing
- Agile Methodology

HIGHLIGHT

- Received the High Flyers Award from Chargebee as part of the Champions Legion 2023

IT SKILLS

- **Test Automation:** Selenium WebDriver, Serenity Screenplay Pattern, Rest Assured, Gherkins, CI/CD (Jenkins & Github actions), TestNG
- **Programming Languages:** Java, SQL
- **Chaos Engineering:** Fault Injection, Resilience Testing
- **Agile Methodologies:** Scrum, Sprint Planning, Retrospective
- **Tools:** Jenkins, Github, Amazon S3 & EC2, CI/CD (Jenkins, Github Actions), Splunk, Minions, Datadog, Docker, Maven, Postman, Intellij, Ginger, Gradle, Jira, Confluence.

JOB OBJECTIVE

Seeking a challenging position to leverage expertise in designing and implementing robust automation frameworks, optimizing test processes, and enhancing system resilience to drive quality assurance initiatives.

PROFILE SUMMARY

- Accomplished Senior Software Development Engineer in Test (SDET) with **over 8 years of extensive experience** in automation and quality assurance (QA) testing, specializing in UI and API automation, as well as Chaos Engineering.
- **Proven expertise in designing, implementing, and optimizing automation frameworks** utilizing cutting-edge technologies such as Java, Serenity Screenplay, Selenium WebDriver, Cucumber, and TestNG.
- **Proficiency in Chaos Engineering**, enhancing system resilience and fault tolerance by identifying and mitigating vulnerabilities within critical infrastructure.
- Versatile in testing REST APIs, microservices, databases, user interfaces (UIs), ensuring **seamless integration and functionality** across the software stack.
- **Proficient in leveraging industry-standard tools** and technologies, including Jenkins, GitHub Actions, Splunk, Datadog, Docker, and Maven, to streamline CI/CD pipelines and enhance overall testing processes.
- **Committed to driving continuous improvement** in testing methodologies and practices, leveraging Agile methodologies (Scrum) for effective sprint planning and retrospective analysis.

WORK EXPERIENCE

Chargebee, Bengaluru   **May'22 till date**
Senior SDET Engineer
Key Result Areas:

- Contributed to designing and implementing an advanced automation framework using Serenity Screenplay, Selenium, and RestAssured to improve testing efficiency.
- Expanded the automation suite to cover critical UI and API scenarios, increasing test coverage by 40% and ensuring thorough validation of system functionalities.
- Reduced test execution time by 50% through parallel execution, code optimization, and test suite refinement, resulting in quicker feedback cycles.
- Automated Identity and Access Management (IAM) authentication processes to validate robust security measures across the application.
- Implemented Chaos Engineering practices to identify and address system vulnerabilities, enhancing fault tolerance and resilience in production environments.
- Developed automated end-to-end test cases involving multiple integrations (Taxjar, RevRec, and GetAccept) to validate complex workflows and dependencies.
- Increased defect detection rates by 35% through targeted exploratory testing, using automation insights to uncover hidden issues early in development lifecycle.
- Collaborated with cross-functional teams (developers, product managers, and QA specialists) to align on testing objectives and deliverables, promoting a culture of quality and continuous improvement.

Pratham Software, Jaipur   **Nov'20 – May'22**
Senior Software Engineer
Key Result Areas:

- Successfully tested and automated the CPQ (Configure, Price, Quote) application for Amcor Packaging, effectively managing dynamic variables to enhance test scenarios and ensure robust functionality across various configurations.
- Improved test automation efficiency by 25% through optimized test scripts and the integration of best practices, leading to quicker feedback cycles and reduced manual intervention.
- Conducted comprehensive functional and regression testing using Selenium, Java, JUnit, and the Cucumber BDD framework to ensure high-quality deliverables and a seamless user experience by identifying defects early in the development lifecycle.

Amdocs, Pune   **Aug'16 – Nov'20**
Functional Test Engineer
Key Result Areas:

- Played a key role in designing and executing comprehensive test cases for REST APIs, Microservices, databases, and user interfaces, ensuring end-to-end functionality and reliability.
- Conducted extensive testing across multiple application layers (API, Microservices, database, and UI) to ensure seamless integration and performance.
- Collaborated closely with Product Owners and clients to gather requirements and refine acceptance criteria, ensuring alignment on project objectives and timelines.
- Enhanced quality assurance practices by implementing best testing methodologies and tools, leading to improved defect detection rates.