Snehal Bhosle

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 **SENIOR TECH SP ECIALIST – QA**

QA specialist with 18+ years of experience, including **10 years in automation** and 8 years in manual testing across healthcare, travel, and telecom domains, as well as cloud and enterprise platforms. **Skilled in designing scalable test automation frameworks using Java, Selenium, Jenkins, and Gradle, with hands-on expertise in AWS, GCP, REST APIs, CI/CD, and performance testing (JMeter)**. Experienced in collaborating with CoE teams to drive QA standardization and best practices. **Proven ability to lead global teams**, increase automation coverage, reduce defect leakage, and improve release quality.

**Certified in AWS, ISTQB, and Data Science. Practical experience with GenAI tools such as GitHub Copilot, Vertex AI, and Gemini Code Assist**, leveraging LLMs to accelerate script development, enhance debugging, streamline requirement analysis, and automate test case design.

 KEY SKILLS & COMPETENCIES

Test Architect | Automation | Frameworks | Planning | Test Management | QA Program/Project Management | Product Quality | Process Excellence | Agile/Kanban + Jira |

AutomDelivery Communications | Teams, Resource & Relations

Building

#  TOOLS AND TECHNOLOGY

**Environments:** Windows | MS-DOS **Languages:** Java | C# | Python (Basic) **Databases:** SQL Server | Oracle | DB2 | Google Spanner | AS/400 | Toad | Google BigQuery | DBeaver | QuerySurge **Web Technologies:** HTML5 | CSS3 **Servers:** Solaris | Unix **Automation Tools:** Selenium WebDriver (Java/C#) SpecFlow Cucumber Appium | TestComplete | Postman **Automation Frameworks:** POM | BDD Keyword-driven TestNG **Management Tools:** Gitlab | Maven | Jenkins | Jira | IBM Rational ClearQuest | IBM Rational ClearCase | Octane | MTM | ALM DOORS | TCU | SVN | Bitbucket **IDE Tools:** IntelliJ | Eclipse **Cloud Technologies:** AWS |Google Cloud **Domains:** Healthcare | Telecom | Travel | SAP **Gen AI Tools:** Gemini Code Assist | Vertex AI | Copilot

**20 14 – P r e s e n t**

**C I T I U S T E C H H E A L T H C A R E T E C H N O L O G Y P V T . L T D .**

**PROFESSIONAL EXPERIENCE**

## Senior Tech Specialist – QA (Client: Davita) COE Project: [2024 – Present] (New York, USA)

* Spearheaded automation framework development using Java, Selenium WebDriver 4, JUnit, Gradle, and Jenkins, reducing regression effort by 80% and accelerating test execution cycles.
* Developed and maintained CI/CD-integrated automation pipelines for regression and smoke testing across QA and UAT environments.
* Applied GenAI tools like GitHub Copilot and Vertex AI to enhance test script development, debugging, and automated test case generation.
* Collaborated with QA architects to evaluate emerging tools, improving automation framework efficiency and cross- project reusability
* Led high-value test automation initiatives by analyzing test repositories and tracking execution via JIRA Kanban boards.
* Integrated shift-left testing practices into the SDLC, aligning automation with CI/CD and enhancing early defect detection.
* Directed a global QA team, managing task allocation, technical blockers, and on-time delivery of test artifacts.
* Conducted code reviews and optimized test suites for performance, maintainability, and adherence to QA standards.
* Performed comprehensive testing including Functional, Regression, API, GUI, Browser Compatibility, and UAT testing.
* Drove Agile QA delivery through participation in sprint ceremonies and defect triages, ensuring sprint alignment and issue resolution.
* Maintained test reports, RCA logs, and status dashboards on Confluence; delivered weekly updates to stakeholders and clients.
* Led effort estimation and resource planning for automation projects, aligning capacity with delivery timelines and client expectations.
* **Tools & Technologies:** Java, Selenium 4, Cucumber, Jenkins, Bitbucket, Gradle, Jira, Octane, Google Spanner, Google BigQuery, REST APIs, Confluence, Docker, Kubernetes, Kafka

## Senior Tech Specialist – QA: MDM Project - (Client: Davita) [2023 – 2024] (New York, USA)

* Automated end-to-end test scripts using a TDD and Cucumber framework to validate data integration from multiple clinical and administrative systems into a centralized DB2 repository.
* Conducted impact analysis of test repositories to prioritize high-risk healthcare workflows for automation, with progress tracked via JIRA Agile boards.
* Defined detailed test strategy and approach plans tailored to healthcare compliance, data accuracy, and patient safety requirements.
* Collaborated closely with manual testers, developers, and business analysts to resolve issues impacting clinical functionality and ensure timely, compliant releases.
* **Tools & Technologies:** Java, Selenium 4, Jenkins, Bitbucket, Gradle, RestAssured, Rest API, DB2, ALM

## Tech Specialist – QA (Client: Davita) : EHR application [2018 – 2023] (Nashville, USA)

* Actively participated in Agile ceremonies, including sprint planning, daily standups, retrospectives, and defect triages, to support seamless sprint execution and timely resolution of clinical workflow issues.
* Documented and maintained test execution reports, root cause analysis (RCA), and failure logs on Confluence, providing weekly quality updates to stakeholders and healthcare clients. Served as an individual contributor in automating key modules of an Electronic Health Record (EHR) application, ensuring reliability, compliance, and data integrity.
* **Tools & Technologies:** Java, Selenium 4, Cucumber, Jenkins, Bitbucket, Gradle, Jira, Octane, DB2, REST APIs, Confluence, Docker, Cassendra

## Test Lead (Client: Baxter – Lift and Shift) [2017 – 2018] (Mumbai, India)

* Created comprehensive regression test plans based on system architecture and application flow to ensure complete test coverage and risk mitigation.
* Performed technical analysis of manual test cases to identify high-value automation candidates using application logic, business rules, and reusability factors.
* Uploaded and tracked automation candidates on the JIRA Kanban board, facilitating sprint-level visibility and progress monitoring.
* Developed robust Selenium WebDriver test scripts using Java/TestComplete, applying OOP principles and framework design patterns to build maintainable and scalable test suites.
* Participated in peer code reviews and Git merge requests, enforcing automation standards, identifying inefficiencies, and suggesting code optimizations.
* Addressed and resolved both functional and technical queries raised by peers, using in-depth knowledge of test frameworks, Java, and application behavior.
* Led end-to-end regression and performance testing during the migration of a legacy monolithic application to AWS Cloud, validating functionality, stability, and non-functional parameters post-migration.
* Automated nearly 60% of the manual functional test suite using Selenium with Java, significantly improving test execution efficiency and reducing human effort.
* Designed and scheduled Jenkins CI jobs for daily smoke testing across distributed VM environments, ensuring early failure detection in the pipeline.
* Built and executed load and stress test plans in Apache JMeter, validating AWS SLA compliance, identifying bottlenecks, and ensuring horizontal scalability under peak load conditions.
* Refactored and optimized a legacy automation codebase by addressing technical debt, modularizing scripts, and improving test data management for long-term maintainability.
* Participated in client review meetings, shared weekly automation and performance test reports, led root cause analysis (RCA) for defects, and ensured alignment on QA deliverables.
* Actively resolved technical blockers affecting the team, including scripting challenges, Jenkins failures, and environment configuration issues.
* Reviewed and analyzed automated test execution reports, identifying flaky tests, performance bottlenecks, and suggesting data-driven improvements.
* Sent weekly client reports summarizing execution status, failure trends, and action plans, leveraging data visualization from Jenkins and JMeter dashboards, for new test suites, managing parameterization, scheduling, and integration with source control systems.
* Suggested and implemented framework enhancements, including utility methods, reporting improvements, and integration hooks for future scalability.
* Served as a point of contact for client-facing technical discussions, resolving queries related to automation scope, performance benchmarks, and tool configurations.
* Participated in defect triage calls, conducted RCA using logs, system metrics, and automation traces, and collaborated with developers for timely resolution.
* Maintained all quality-related documentation, including test execution reports, framework update logs, and conformance checklists for internal audits.
* Created and executed performance test scripts in JMeter, simulating real-world usage patterns and analyzing response time, throughput, and resource utilization.
* **Technologies Used:** Java, Selenium WebDriver, Jenkins, Git (Stash/Bitbucket), SVN, Maven, Jira, ALM, TestComplete, Oracle, Splunk, AWS, JMeter

## Senior Test Engineer (Client: Medhost – Pharmacy Application) [2014 – 2017] (Mumbai, India)

* Led the automation of 60–70% of manual test backlog for a pharmacy application enabling pharmacists to verify, modify, and discontinue physician-prescribed medications.
* Automated critical web application test cases using Selenium WebDriver with Java and TestNG, contributing to faster testing cycles and streamlined monthly release schedules (11–12 releases/year).
* Collaborated in a 3-member automation team, personally automating 30% of the total candidate test cases and reviews.
* Integrated test automation with Jenkins, scheduled regression suites, and monitored execution reports for defects.
* Facilitated continuous communication with clients via Jira and weekly reporting.
* **Technologies Used:** Java, Selenium WebDriver, TestNg, AS/400, Jenkins, Git (Bitbucket), Maven, Jira, Microsoft Test Manager

**MA S T E K L T D . 20 11 – 201 4**

## Senior Test Engineer (SAP Application Internal Project [2013 – 2014]) (Mumbai, India)

* Performed end-to-end QA for an internal SAP-based application managing the full project lifecycle from opportunity identification through billing, including modules in HR and Project Systems (PS).
* Created and consolidated manual test cases across multiple business processes, and executed black-box, regression, integration, and system testing for financial transactions and reporting.
* Validated financial calculations and supported generation of MIS reports critical to business decision-making using SAP.
* Coordinated with HR and project management teams, preparing and distributing project status and defect reports.
* Conducted knowledge transfer sessions for onboarding new QA team members and supported production implementation to ensure deployment stability.
* **Technologies Used:** SAP ABAP, SAP R/3 (HR, PS), SAP NetWeaver

## Test Engineer (Travel Project (Cox and Kings) [2011 – 2013]) (Mumbai, India)

* Led testing efforts for a joint venture booking platform integrating hotel and flight reservations, including Travel Domain Application, supporting improved customer experience and backend reporting.
* Prepared and consolidated manual test cases from the team and distributed documentation to stakeholders, ensuring full test coverage across functionalities.
* Performed black-box, regression, integration, functionality, system, and database testing to validate booking workflows.
* Conducted MIS verification and supported production implementation to ensure smooth go live.
* Performed a gap analysis between the legacy and new system, helping identify missing functionalities.
* Supervised one team member, improving task ownership and testing efficiency.
* Prepared and shared test status and defect reports with stakeholders and actively participated in business reviews.
* **Technologies Used:** MySQL, PHP, JavaScript

**R E L I A N C E C O M M U N I C A T I O N 20 07 – 201 1**

## Junior Test Engineer (Single.eView) (Mumbai, India)

* Led a team of 5 QA professionals in testing and validating the Singl.eView billing platform, supporting 3G and 4G rollout.
* Developed comprehensive test plans and cases for various customer profiles and services, including CDMA, Fixed Wireless, GTRAN, and Bulk SMS.
* Conducted end-to-end testing of new features and enhancements, ensuring International Telecommunication specs.; Created mock data to simulate diverse customer scenarios, facilitating thorough validation of billing functionalities.
* **Technologies Used:** Oracle 9i, Solaris, Unix, Perl, Java

#  E DUCATION & CERTIFICATIONS

Master of Computer Applications (MCA), Mumbai University – Kandivali(E), Mumbai, India Bachelor of Computer Science, Mumbai University – Kandivali(E), Mumbai, India

Post Graduate Diploma in Data Science from IIITB – Bangalore

**Certifications:** ISTQB Test Analyst | ISTQB Foundation | AWS Certified Practitioner | Google AI Essentials