

Deepak Kumar

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Senior QA & Automation Engineer | 13+ Years of Experience | Agile | DevOps

Professional Summary

Experienced QA professional with over **13 years** of expertise in Software Testing, Test Automation, Performance Testing, and Production Support for enterprise web and mobile applications. Proficient in Java, Python, Selenium, JMeter, and Robot Framework, with strong exposure to DevOps pipelines and Agile methodologies. Leading offshore teams and ensuring the delivery of high-quality software solutions. Proven ability to reduce testing cycle times, improve deployment efficiency, and collaborate effectively across global teams.

Core Competencies

- **Functional, Regression, Integration & System Testing** – Strong expertise in designing and executing test cases, validating builds across multiple environments, handling Jira issues, and ensuring defect-free releases through structured reviews and reporting.
- **Test Automation (Selenium WebDriver, Java, Python, Robot Framework, Playwright, Typescript)** – Developed reusable automation frameworks, automated regression suites, and integrated with Jenkins pipelines for continuous testing across web and mobile platforms.
- **Performance Testing (JMeter, LoadRunner)** – Designed and executed load, stress, and endurance tests; monitored system performance (JVM, OAS, EM Console); analyzed results and recommended optimizations.
- **CI/CD & DevOps (Jenkins, Git, Git Bash, Deployment Automation)** – Experienced in pipeline integration, automated deployments, migration path management, and troubleshooting deployment failures in production and pre-production environments.
- **Mobile & Web Application Testing** – Performed functional, regression, and usability testing for Android/iOS apps; validated web responsiveness, site navigation, and cross-device compatibility.
- **Cross-Browser & Cross-Platform Testing** – Ensured application consistency across Chrome, Firefox, Safari, IE/Edge, Windows, Linux, and MacOS; leveraged Selenium Grid and cloud testing solutions.
- **Test Case Design, Execution & Defect Management (JIRA, HP QC, IBM Rational)** – Authored, reviewed, and executed test cases; tracked and resolved defects; prepared test metrics and stakeholder reports.
- **Server Maintenance & Patching (OL6 to OL7, JVM, OAS, EM Console)** – Managed OS upgrades, server patching, and performance monitoring; coordinated database copies and ensured stable environments for testing.

- **SDLC Methodologies (Agile, V-Model, Waterfall)** – Hands-on experience in Agile Scrum ceremonies, sprint planning, backlog grooming, and adapting test strategies to suit project methodologies.
- **Onsite-Offshore Coordination & Client Engagement** – Acted as a bridge between business stakeholders and offshore QA teams; defined test strategies, allocated tasks, and ensured timely delivery.
- **Knowledge Sharing & Team Mentoring** – Conducted training sessions, created reusable knowledge repositories, and mentored junior QA engineers to improve team productivity.

Technical Skills

Testing Tools: Selenium WebDriver, JMeter, LoadRunner, HP Quality Center, IBM Rational, Cucumber (BDD), Playwright

Automation: Python, Robot Framework, Ruby FCL Tester, Java, Typescript

DevOps & Version Control: Jenkins, Git, GitHub, GitLab, Git Bash, Docker, CI/CD pipelines

Cloud & Virtualization: Oracle Cloud, OVM (Oracle VM), VMware

Databases: SQL, Oracle, MySQL, MS-Access, PL/SQL

Debugging & Monitoring Tools: Firebug, Chrome DevTools, IE Developer Tools

Performance & Monitoring: Oracle Enterprise Manager (OEM), EM Console

Operating Systems: Windows (7/10/11), Linux (OL6/OL7, Red Hat, Ubuntu), MacOS

SDLC Methodologies: Agile Scrum, SAFe Agile, V-Model, Waterfall

Collaboration & Project Tools: JIRA, Confluence, Slack, MS Teams

Professional Experience

Oracle India Pvt. Ltd., Hyderabad

Senior Quality Analyst | Nov 2018 – Present

- Lead QA initiatives for Oracle Taleo recruiting product, ensuring quality across functional, regression, integration, system, and performance testing.
- Designed, developed, and executed automation test scripts using Selenium (Java/Python) and Robot Framework, achieving wider regression coverage.

- Conducted performance testing with JMeter, analyzed response times, throughput, and system bottlenecks, and collaborated with developers for optimization.
- Managed build validation, deployment, SAR process, and created multiple testing zones for environment readiness.
- Performed OL6 to OL7 server upgrades, JVM tuning, OAS patching, and monitored environments via EM Console and OEM.
- Ensured successful deployments in production and pre-production by troubleshooting build failures and identifying root causes.
- Implemented CI/CD test automation integration with Jenkins pipelines and Git Bash to accelerate continuous testing and feedback cycles.
- Coordinated with offshore QA teams, allocated testing tasks, reviewed deliverables, and ensured alignment with client requirements.
- Conducted database copy activities, maintained migration paths, and verified successful integration in test and production zones.
- Oversaw browser compatibility, cross-platform testing, and functional prototypes validation for Taleo modules.
- Handled defect tracking, management, and reporting through Jira; prepared daily/weekly status reports and test metrics for stakeholders.
- Actively participated in Agile ceremonies – sprint planning, backlog grooming, daily stand-ups, retrospectives – and contributed to release readiness.
- Collaborated with Service OPS and App Admin teams on server maintenance, JVM/database PIN checks, and troubleshooting production incidents.
- Conducted knowledge-sharing sessions and technical mentoring for offshore team members on automation frameworks, DevOps tools, and best practices.

Key Achievements

- Reduced regression cycle time by 40% through automation framework enhancements and reusability improvements.
- Increased deployment success rate by proactively identifying and resolving environmental issues before production rollout.
- Improved Taleo product performance by implementing continuous monitoring and testing across environments.
- Recognized by leadership for cross-functional collaboration with developers, OPS, and DevOps teams during critical releases.
- Ensured faster defect resolution by implementing structured triage sessions, improving turnaround time by 30%.
- Successfully led migration of multiple zones and validated seamless system upgrades (OL6 → OL7) with zero downtime.
- Acted as a key offshore-onsite coordinator, ensuring smooth communication between global stakeholders and Hyderabad QA teams.

- Delivered multiple high-quality releases under tight deadlines, earning appreciation from clients and senior management.

Infosys Ltd., Hyderabad

QA Analyst | Aug 2014 – Nov 2018

- Performed functional, regression, and UAT testing for **Power Procurement Business Unit (PPBU)** applications, validating business workflows end-to-end.
- Designed, reviewed, and executed test cases covering positive and negative scenarios, ensuring thorough coverage of functional and edge cases.
- Developed performance test strategies and created load, stress, and volume test scenarios using **LoadRunner** and Performed **functional, regression, and UAT testing** for Power Procurement Business Unit (PPBU) applications, validating business workflows end-to-end.
- Designed, reviewed, and executed **test cases covering positive and negative scenarios**, ensuring thorough coverage of functional and edge cases.
- Developed **performance test strategies** and created load, stress, and volume test scenarios using **LoadRunner and JMeter**, identifying system bottlenecks early.
- Conducted **cross-browser and cross-platform testing** to verify application compatibility across Chrome, Firefox, Internet Explorer, and Safari.
- Converted business and technical requirements into **structured, reusable test cases and test scripts** to align with client standards.
- Coordinated with developers and business analysts to validate requirements, clarify defects, and suggest enhancements for product stability.
- Participated in **Agile ceremonies** including sprint planning, daily stand-ups, and retrospectives, aligning QA deliverables with project timelines.
- Conducted **knowledge transfer (KT) sessions** and mentoring for junior QA engineers, improving team productivity, and reducing onboarding time.
- Managed **defect lifecycle** through JIRA, ensuring timely defect resolution and effective stakeholder communication.
- Supported **User Acceptance Testing (UAT)** by preparing test scenarios and guiding client testers through execution and validation.
- Generated **daily/weekly QA reports** and testing metrics to update project managers and stakeholders on testing progress.

Key Achievements

- Reduced release defects by **30%** through comprehensive test case design and enhanced coverage of critical business workflows.
- Improved release efficiency by **automating regression test cases**, cutting down manual execution time significantly.

- Boosted client confidence by consistently delivering **stable, high-quality product releases** that met SLA commitments.
- Recognized for effective **cross-browser and integration testing**, ensuring system reliability across diverse environments.
- Provided key contributions in **performance test execution and analysis**, helping optimize system scalability before production rollout.
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HOV Services Ltd., Chennai

Processor (ECM) / QA Engineer | Jun 2011 – Aug 2014

- Conducted **online content QA and web application testing** for major clients including Inkling, Pearson, and Amazon.

- Managed a publishing QA team responsible for validating digital content using **HTML5, CSS3, XML, SCHEMA, and JavaScript**.
- Performed **WebQA checks, Kindle fixed layout validation (KF8), and automated content testing** for e-publishing workflows.
- Verified **panel view, text/image pop-ups, magnification, and navigation** features for Kindle and other e-reader devices.
- Worked closely with **technical documentation and offshore publication teams** to ensure content accuracy, formatting consistency, and compliance with publishing standards.
- Created and maintained **case studies, project specifications, and quality guidelines** for content validation projects.
- Developed **CSS3/HTML5 templates** for structured publishing workflows, ensuring seamless compatibility across platforms.
- Collaborated with cross-functional teams to resolve formatting, content linking, and validation errors.
- Conducted **daily stand-ups, task allocation, and progress monitoring** for QA team members.
- Participated in **knowledge transfer sessions**, mentoring junior resources on e-publishing QA processes and tools.

Key Achievements

- Successfully delivered **high-quality content validation projects** for global publishing clients under tight timelines.
- Improved team efficiency by introducing **structured checklists and reusable validation templates**.
- Reduced QA cycle time by **automating repetitive validation tasks**, ensuring faster delivery.
- Recognized by clients for maintaining **error-free publishing workflows** and enhancing customer satisfaction.

Education

Master of Computer Applications (MCA), SRM University, Chennai

Additional Information

- One-month onsite experience at Oracle, Quebec City, Canada.
- Languages: English, Hindi.
- Strong interpersonal and communication skills.
- Experience working in an onsite-offshore delivery model.
- Proven ability to collaborate across teams and geographies.

- Proactive learner with continuous upskilling in test automation and DevOps tools.

Personal Profile:

Name: DEEPAK KUMAR

Sex: Male

Marital Status: Married

Languages Known: English, Hindi

Nationality: Indian