

RAVI KUMAR SINGH



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Bengaluru, KA

SUMMARY OF QUALIFICATIONS

Highly skilled QA Automation Engineer/SDET with 10.5+ years in designing and implementing robust test automation frameworks using Selenium WebDriver, Java, TestNG, Rest Assured, and Generative AI tools. Expert in API testing, cloud platforms (Azure, Salesforce), and CI/CD pipelines with Jenkins. Proficient in Agile, BDD/TDD methodologies, DevOps, and AI-driven test automation to deliver scalable, high-quality software. Proven track record of optimizing test coverage and reducing cycle times by 30%, with strong defect management using JIRA and QTest. Experienced in Healthcare, Retail, and E-commerce domains, driving continuous automation improvements aligned with business goals.

PROFESSIONAL EXPERIENCE

QA Automation Engineer/SDET

ACL Digital, Bangalore | Aug 2019 – Present

- Designed and implemented robust automation frameworks using Selenium WebDriver, Java, TestNG, and Generative AI tools, expanding test coverage and boosting quality assurance.
- Automated complex UI and API test suites with Rest Assured, reducing test cycle time by 30% and increasing defect detection efficiency.
- Integrated CI/CD pipelines using Jenkins, enabling seamless deployments and faster product releases.
- Led Agile testing initiatives, applying Agentic AI/BDD/TDD methodologies for improved collaboration and early issue identification across cross-functional teams.
- Managed defect lifecycle and analytics in JIRA and QTest, consistently achieving improved closure rates and stakeholder satisfaction.
- Delivered automation solutions for Healthcare, Retail, and E-commerce projects, aligning with business objectives and industry standards.
- Facilitated knowledge-sharing workshops and training sessions to elevate team skills in automation and AI-driven testing.

QA Engineer

Mindteck India Pvt. Ltd. | Mar 2015 – Aug 2019

- Developed scalable, object-oriented automation scripts for FDA-compliant e-learning products, ensuring regulatory compliance and high product quality.
- Improved defect management and reporting processes, minimizing resolution times and enhancing operational efficiency.
- Coordinated with operations and logistics to ensure on-time project delivery and continuous integration.

EDUCATION

- MCA in Computers, Uttar Pradesh Technical University (UPTU), 2006
- BCA in Computers, Dr. B.R.A. University Agra, 2003

PROFESSIONAL DEVELOPMENT

- Certified Selenium WebDriver Automation Tester
- Agile Scrum Foundation and Agile Testing Practices
- Jenkins CI/CD Pipeline Integration and Automation
- REST API Testing and Automation with Rest Assured
- Fundamentals of DevOps and Pipeline Automation
- Advanced TestNG Framework Design and Implementation
- Effective Communication and Team Collaboration in Agile

TECHNOLOGY PROFICIENCIES

- Selenium WebDriver, TestNG, Cucumber, Appium for scalable test automation
- Java, SQL scripting for effective test development and data validation
- Jenkins, Maven, Git, Bitbucket for CI/CD pipelines and DevOps integration
- REST API testing with Rest Assured; cloud platforms including Azure, Salesforce
- Generative AI tools for AI-assisted test automation, script generation, and defect analysis
- Defect tracking and collaboration with JIRA, QTest, Microsoft Teams, and Slack

CORE COMPETENCIES

- Test Automation & Quality Engineering: Test framework development (Selenium, Java, TestNG, Rest Assured), API & UI automation, CI/CD integration, and Generative AI-assisted testing.
- Analysis & Problem Solving: Test strategy formulation, root cause analysis, defect management (JIRA, QTest), test coverage optimization, and process improvement.
- Collaboration & Agile Delivery: Agile/Scrum participation, cross-functional teamwork, effective communication, and continuous learning to align with fast-paced development goals.