BHARGAV THAKKAR

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PROFESSIONAL SUMMARY

Senior SDET and QA Automation Engineer specializing in scalable UI, API, and mobile test automation, CI/CD optimization, and shift-left testing for fintech and SaaS. Experienced in applying Generative AI for test design, root cause analysis, and defect management to accelerate releases and expand coverage. Known for building enterprise frameworks, mentoring teams, and driving measurable gains in quality, reliability, and release confidence.

CORE SKILLS

Programming & Automation: Java, JavaScript, Selenium, Playwright, Puppeteer, Appium, TestNG, Cucumber (BDD), TDD, Rest Assured, SuperTest
CI/CD & DevOps: Jenkins, Docker, Git, GitHub, Google Cloud Platform (GCP), Continuous Delivery
Testing & QA: Unit testing, Integration testing, Postman, JMeter, SQL, Test planning, Test strategy, Exploratory testing, End-to-end testing, Root Cause Analysis (RCA)
Methodologies & Practices: Agile (Scrum, Kanban), Shift-left Testing, Software Development Life Cycle (SDLC), Code Review, Attention to Detail
Emerging Technologies: Generative AI (GenAI), ChatGPT
Please see COMMENT

WORK EXPERIENCE

ANZ Banking Group 2021–Present
Lead SDET

- Build and maintain enterprise-grade test automation frameworks using Selenium and SuperTest to strengthen UI and API automation across platforms, incorporating unit testing and test planning for broader coverage
- Lead integration testing across platforms to ensure seamless interaction between system components
- Manage a team of two SDETs and two manual QA engineers, oversee code review practices, and serve as the primary QA liaison with product management, development, and DevOps teams
- Partner with Agile squads to embed shift-left testing, align with the software development life cycle (SDLC), and contribute to overall test strategy, improving sprint velocity and reducing defect leakage
- Deploy CI/CD test pipelines in Jenkins and Docker to support continuous delivery and faster release cycles
- Implemented GenAI-driven test case generation across 10+ banking applications, increasing regression coverage by 35% and reducing manual effort by 40%
- Reduced regression execution time by 40% through parallel execution and pipeline optimization, enabling bi-weekly releases and shortening release cycle time by 50%
- Applied GenAI-powered root cause analysis (RCA) to accelerate bug classification and improve resolution time by 30%, earning the Client Impact Award for measurable improvements in quality and delivery

Capgemini 2018–2021
Senior Test Automation Consultant

- Designed and deployed an enterprise automation framework (Java, Selenium, REST Assured, Jenkins) adopted by five global teams, supporting 100+ microservices and 50,000+ daily transactions with 90% test reusability

- Increased automation coverage from 50% to 85% across UI and API layers, achieving 95% overall coverage and significantly improving release confidence
- Reduced manual testing effort by 45%, saving approximately 1,200 hours annually, and enabled a 20% reduction in testing costs by consolidating tools and eliminating redundancy
- Shortened regression cycles by 30% (from 10 to 7 days) and reduced cross-application regression execution from 48 to 12 hours, a 75% improvement that enabled bi-weekly releases
- Improved defect detection rate in SIT/UAT by 28%, reducing production leakage and strengthening overall quality assurance across applications
- Promoted shift-left testing practices, mentored engineers on automation best practices, and introduced test strategy discussions that uplifted QA maturity and prevented late-cycle defects

IBM 2016–2018

Test Automation Specialist

- Automated mobile testing for Android and iOS using Appium and Espresso to ensure cross-platform consistency and reliability
- Conducted load and performance testing with JMeter, validating scalability under peak conditions and strengthening system stability
- Led a mobile automation initiative scaled across global QA teams, standardizing practices and boosting efficiency, and received the Star Contributor Award for driving adoption of automation solutions

Clarion Technologies 2015–2016

QA Engineer II

- Conducted functional, regression, and exploratory testing for mobile platforms, improving defect detection
- Reduced production bugs by strengthening test coverage and proactively identifying high-risk scenarios

CMC Limited (acquired by Tata Consultancy Services) 2013–2015

QA Analyst

- Led functional testing of e-commerce workflows to ensure reliability in payment and order management systems
- Improved defect resolution by 25% through root cause analysis (RCA) and optimized reporting

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EDUCATION

Gujarat Technological University, Ahmedabad, India 2012

Bachelor of Engineering in Computer Engineering