

Krishna Kumar Shah

Sr. Test Automation Lead | Agile Delivery | Germany (Frankfurt)
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Career Summary

Results-driven **Test Manager** with over **12 years of experience in QA Automation** and **2 years in Test Management**, leading cross-functional teams in delivering high-quality software solutions. Possess deep expertise in leveraging modern automation frameworks, scripting languages, and continuous integration tools to deliver high-quality software products on time. Strong technical background in test automation tools (Selenium, Appium, JUnit, TestNG, etc.), CI/CD pipelines (Jenkins, GitLab), and version control systems (Git, SVN). Expertise in Agile and DevOps environments, focusing on optimizing testing workflows to accelerate release cycles without compromising quality.

Technical Skills

- Test Automation Strategy & Execution
- Test Framework Design (Selenium, Appium, TestNG, Cucumber, BDD, PyTest, Behave)
- Continuous Integration/Continuous Deployment (CI/CD)
- Agile & Scrum Methodologies
- Leadership & Team Management
- Performance Testing (Jmeter)
- Software Development Life Cycle (SDLC)
- Code Quality & Review Processes
- Defect Management & Reporting
- Risk Assessment & Mitigation
- Programming Languages (Java, Python, JavaScript)

Project Details

Senior Test Automation Lead

Coforge, Frankfurt, Germany July 2021 – Present

- Working as Sr. Test Automation Lead with Deutsch Bahn NETZ company in Frankfurt as vendor
- Designed and implemented a robust Playwright-Robot Framework based framework from scratch, resulting in an 80% reduction in manual testing effort
- Managed a team of 8 QA Engineers, prioritizing tasks and conducting mentoring sessions for the team, additionally building roadmaps for increasing team's productivity keeping in mind individual success factors.
- Collaborated with Product Owners and Developers to ensure early defect detection and continuous quality management and control.
- Integrated automated testing into CI/CD pipelines with Jenkins, improving build and deployment efficiency.

- Conducted regular test audits, risk assessments, and quality metrics reporting to senior leadership.

Senior Test Automation Engineer

TCS, Pune, India Nov 2012 – June 2021

- Worked as Test Automation Engineer for a wide range of clients like Royal bank Canada, British Airways, Jetblue Airways & Lufthansa in Pune & Frankfurt
- Developed and maintained a scalable Selenium-RobotFramework test automation framework, reduce test execution time by 50%.
- Updated and maintained RestAPIs Test Automation Framework using Robot Framework and python.
- Integrated automated testing into CI/CD pipelines with Jenkins, improving build and deployment efficiency.
- Attended requirements walkthrough with BAs to analyse the scope and coverage of user stories.
- Performed code reviews of test scripts created by team members. → Utilized JIRA as a defect-tracking tool on the project.
- Performed Functional, Smoke testing, Integration Testing and Regression testing on local environment.
- Performed UAT testing of release feature
- Provided a continuous support and guidance to the test team
- Provided walk through of sprint report to all vendors during Sprint review meeting.

Education

Bachelor of Science in Electrical & Electronics Engineering RGVP University
Bhopal, India Graduated in June 2012

Certifications

- ISTQB Certified Tester - Foundation Level
- Test Automation Strategy & Execution
- Scrum Master Accredited Certification

Languages Known

- **German:** A2.1
- **English:** B2
- **Hindi:** C2