

Niranjan Kumar Agri

Technical Lead QA | Senior SDET | Test Automation Architect

Currently based in India | Open to relocation across Europe | Requires appropriate work authorization for the destination country
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PROFESSIONAL SUMMARY

Technical Lead QA and SDET with 12+ years of software engineering experience spanning Java development, test automation and QA leadership. Experienced in leading QA teams, designing maintainable automation frameworks, integrating automated testing into CI/CD pipelines, and improving release quality through functional, API and performance testing, including 84% release automation on a GxP-regulated clinical data platform. Hands-on expertise in Java, Python, Selenium, Playwright, Robot Framework and REST Assured. Previous professional experience in Germany and open to relocation across Europe.

SKILLS

- Test automation:** Selenium WebDriver, Playwright, Robot Framework, Cypress, Appium, TestNG, JUnit, Cucumber (BDD)
- Programming:** Java, Python, JavaScript, TypeScript, SQL
- API testing:** REST Assured, Postman
- Performance testing:** rfswarm, load and multi-user performance testing, release-to-release response-time baselines
- Framework design:** Page Object Model, data-driven testing, keyword-driven testing, BDD, parallel execution
- CI/CD and tools:** Jenkins, Azure DevOps, Git, GitHub, Jira, TestRail
- QA leadership:** Test strategy, test planning, RTM, release sign-off, defect triage and management, mentoring, offshore team coordination
- Regulated environments:** GxP, ICH-GCP
- AI-assisted testing:** Claude for test design, script generation and test data, with human review of all output
- Used in portfolio projects:** GitHub Actions, CircleCI, Docker, Selenium Grid, Allure, Maven

PROFESSIONAL EXPERIENCE

Technical Lead QA <i>Sycamore Informatics Inc.</i>	Mar 2025 – Present <i>Bengaluru, India</i>
- Lead and mentor a team of 4 QA engineers on MDR, a clinical metadata product used by global pharma companies (GxP / ICH-GCP), and own test strategy, requirements traceability (RTM), defect triage and release sign-off - Built the MDR test automation suite in Robot Framework and Python, automating 84% of the release scope, including 100% of the multi-user performance and upgrade suites - Designed performance benchmarks in rfswarm that run real browser sessions, ramping up to 135 concurrent virtual users across 1,400+ seeded accounts to model multi-user load before each release - Compare each release's response times with the previous release's baseline and flag any drift of 10% or more for investigation - Automated upgrade and migration testing so every release is verified against the previous version before rollout - Use Claude for AI-assisted test design, drafting Robot Framework keywords, test cases and test data from requirements, with all generated code reviewed - Received the Platinum Star Award from Sycamore Informatics (2026)	
Technical Lead QA <i>Ephicacy (client engagement with Sycamore Informatics)</i>	Jun 2024 – Feb 2025 <i>Bengaluru, India</i>
- Led QA for Sycamore Informatics' MDR product through Ephicacy's client engagement, then moved in-house to Sycamore in Mar 2025 - Started the Robot Framework and Python automation suite and the RTM process later continued at Sycamore	

Java Developer and Test Automation Engineer

May 2022 – Oct 2023

MIVO mitarbeitervorteile GmbH

Frankfurt am Main, Germany

Note: Employment dates reflect the respective company records. The overlapping period occurred during my transition to a role in Germany.

- Developed front-end and back-end features in Java for an employee benefits platform, from functional analysis through release
- Wrote unit tests and automated checks, and reviewed code for quality and coding standards
- Designed database schemas and queries, and tuned database performance
- Fixed security vulnerabilities and hardened application code
- Shared knowledge with the team through documentation and internal training

Software Engineer → Associate Software Architect

Mar 2017 – Sep 2023

bebo Technologies

Chandigarh, India

Associate Software Architect (Mar 2023 – Sep 2023) · Principal Software Engineer (Mar 2021 – Mar 2023) · Senior Software Engineer (Mar 2019 – Mar 2021) · Software Engineer (Mar 2017 – Mar 2019)

- Built a hybrid Selenium WebDriver framework (Page Object, data-driven and keyword-driven) for web applications, services and APIs
- Integrated automated suites into CI/CD pipelines, cutting testing cycles by 40%
- Wrote test strategies, estimates and test plans in TestRail, and delivered automated scripts every sprint
- Directed offshore teams on UI and API testing across releases
- Ran API regression and integration testing with Postman, and usability testing on Windows, Android and iOS
- Managed defects in Jira with the development team across weekly Agile releases

Java Developer

Apr 2016 – Feb 2017

Simplified Fintech Pvt Ltd

Panchkula, India

- Developed Java web applications for a fintech product and set up test scripts, test cases and automation with the QA team

Java Developer

Nov 2014 – Feb 2016

SSV Technologies and Consultancy Services

Indore, India

- Built Java web applications, including e-commerce features, with unit and integration tests in JUnit and TestNG

Trainee Software Developer

May 2014 – Oct 2014

Ypsilon IT Solutions Pvt Ltd

Indore, India

- Maintained and built Java applications, and contributed to an internal integration platform

PROJECTS

- **Enterprise Test Automation Framework** (Java, Selenium, REST Assured, JDBC, Allure, Docker, Selenium Grid, GitHub Actions): 169 automated tests across UI, API, database, integration and end-to-end layers (including 57 API and 53 UI tests) against its own demo application, with parallel execution, a retry policy and nightly cross-browser CI on Chrome, Firefox and Edge
- **Playwright for Java Framework** (Playwright for Java, TestNG, GitHub Actions): 57 UI, API and network tests passing on Chromium, Firefox and WebKit in CI, with screenshot, video and trace reports
- **Selenium Java Interview Lab** (Selenium 4, TestNG, PageFactory): 148 runnable tests, one per Selenium, TestNG and framework-design topic, with a Page Object Model and a ThreadLocal driver
- **Cucumber BDD Framework** (Cucumber, Selenium 4, JUnit, PicoContainer): 8 BDD scenarios with explicit waits, parallel-ready drivers and a custom self-contained HTML report
- **REST API Automation Framework** (REST Assured, TestNG): API framework with one manager per resource, no global state, and a custom HTML report

EDUCATION

Master of Technology (M.Tech), Computer Science and Engineering

2012 – 2014

Galgotias University

India

Bachelor of Technology (B.Tech), Information Technology

2008 – 2012

Graphic Era University

Dehradun, India

LANGUAGES

Hindi: Native · English: Professional working proficiency