HARISH KUMAR

QA Lead | Senior SDET | Test Automation Architect

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PROFESSIONAL SUMMARY

Results-driven QA Lead and Senior SDET with 8+ years of experience designing and implementing scalable Automation Frameworks using Java, Selenium, Playwright, and REST Assured. Expert in building comprehensive Test Cases and Test Management strategies using Zephyr, JIRA, and Confluence. Proven expertise in Page Object Model (POM) architecture, Cucumber Framework (BDD), and AI-driven test script generation systems enabling non-technical users to produce manual and automated test cases — significantly reducing QA cycle time. Skilled in API testing, performance testing, cloud environments (AWS), CI/CD pipeline integration (Jenkins, GitLab CI), and Agile/Scrum delivery. Demonstrated track record of leading end-to-end Application Testing across enterprise-level web, healthcare, travel, and automotive domain applications. Experienced with Eclipse IDE for Java-based automation development.

CORE COMPETENCIES

Test Automation Framework Design • Page Object Model (POM) • Cucumber Framework (BDD/TDD) • Test Cases & Test Management • Zephyr • Selenium & Playwright • API & Performance Testing • CI/CD Integration (Jenkins/GitLab) • Application Testing • AWS Cloud (EC2, S3, ECS) • Agile/Scrum Delivery • QA Leadership & Mentoring • SQL & Database Testing • Eclipse IDE • JIRA / Confluence

TECHNICAL SKILLS

Automation Frameworks: Selenium WebDriver, Playwright (Java & TypeScript), Cypress, Sikuli, Page Object Model (POM), Hybrid Framework, Data-Driven Framework, Cucumber Framework (BDD)

API Testing: REST Assured, Postman, API Automation, JSON / YAML

Programming & IDE: Java (Eclipse IDE), SQL

Test Management: JIRA, Zephyr, Confluence, Agile / Scrum, Test Cases Design, Crowdsource Testing

Performance Testing: JMeter

CI/CD & DevOps: Jenkins, GitLab CI, Git, Bitbucket

Cloud & Devices: AWS (EC2, S3, ECS), BrowserStack, Mobile Application Testing

Reporting: Allure Report, Extended Reports, Eclipse, Sublime

PROFESSIONAL EXPERIENCE

QA Lead / Software Quality Engineer | Yamaha Motors India Pvt. Ltd.

November 2022 – Present | India

Project: Pymidol IV | Automobile Domain

- Designed and implemented end-to-end Automation Framework with comprehensive Test Cases for the automobile domain platform using Selenium WebDriver and Java (Eclipse IDE).
- Executed Functional, Integration, System, Regression, Smoke, Exploratory, and Database Application Testing across multiple release cycles.
- Owned API testing strategy using Postman and automated REST API endpoints using REST Assured, improving API test coverage by 40%.
- Built and maintained a scalable Page Object Model (POM)-based Automation Framework used across the team, incorporating reusable test components and design patterns.
- Managed Test Cases and test cycles using Zephyr for end-to-end Test Management and traceability.

Project: LDS (Learning & Development System) | HR Domain

- Defined critical Test Cases and developed reusable automation scripts within a Cucumber Framework (BDD) for HR web modules, reducing manual testing effort by 35%.
- Led full end-to-end Application Testing cycles including Functional, Integration, Regression, Smoke, Exploratory, and DB testing.
- Automated REST API endpoints with REST Assured and performed validation using Postman.

- Maintained and enhanced shared Automation Framework components to improve team-wide test coverage and stability.
- Collaborated with developers and product owners in Agile/Scrum ceremonies to refine acceptance criteria and improve defect turnaround using JIRA and Zephyr for Test Management.

Software Quality Engineer | Fonantrix Solutions

February 2018 – November 2022 | India

Project: TMRW | Healthcare / Life Sciences Domain

- Created comprehensive Test Cases and automation scripts using Page Object Model (POM) for IVF and cell management platform modules, ensuring compliance with healthcare standards.
- Conducted Functional, Integration, System, Regression, Smoke, and Exploratory Application Testing across multiple sprints.
- Automated REST API services using REST Assured and validated critical healthcare data workflows via Postman.
- Supported Automation Framework development for scalable test automation within an Agile team environment using Cucumber Framework (BDD).

Project: Priceline | Travel Domain (Hotels & Air)

- Designed Test Cases and automation scripts using POM for search, booking, and payment workflows on a high-traffic travel platform.
- Executed comprehensive Application Testing cycles covering Functional, Integration, System, Regression, Smoke, and Exploratory testing.
- Automated REST API integrations and validated third-party service responses using Postman and REST Assured.
- Tracked all Test Cases and defects using JIRA and Zephyr for complete Test Management coverage.

Additional Product Testing

- Rackspace: Validated managed cloud computing and multicloud solutions, ensuring service reliability and performance benchmarks through structured Application Testing.
- CQPortal: Tested AI-powered cloud-based testing platform features including automated Automation Framework script generation and test execution workflows.

EDUCATION

Master of Computer Applications (MCA) — ABES Engineering College, Ghaziabad | AKTU Lucknow | 2016–2018 | 74%

Bachelor of Computer Applications (BCA) — BITS Institute, Ghaziabad | CCS University Meerut | 2013–2016 | 65%

CERTIFICATIONS

- Software Training Certificate – APEX T G India Pvt. Ltd. (2017)
- Certificate of Excellence – APEX T G India Pvt. Ltd. (2017)

ADDITIONAL INFORMATION

Date of Birth: January 6, 1996 | Nationality: Indian | Languages: English, Hindi