

PRAPUL K KALAPALA

TEST ENGINEER | CUCUMBER | JAVA AUTOMATION | CI/CD

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Professional Summary

Test Engineer with 9+ years of QA and automation experience across web, API, database and mobile applications. Builds reusable test frameworks using Java, Selenium, Cucumber and TestNG, with Jenkins and GitLab CI/CD integration. Experience includes test planning, onsite and offshore test coordination, risk-based testing, UAT and test reporting. Combines REST Assured API testing, JMeter performance testing and Java unit testing with close collaboration across product, development and QA teams. ISTQB and Certified ScrumMaster qualified.

Core Skills

Automation and BDD tooling: Cucumber, Java, Selenium WebDriver, TestNG, JUnit, WebDriverIO, JavaScript and data-driven frameworks.

API and integration testing: REST Assured, SoapUI, SOAP and RESTful service testing, REST API development and unit testing.

Test delivery: Test planning, functional, regression, system, integration and acceptance testing; UAT, risk-based testing and JMeter performance testing.

CI/CD and engineering: Jenkins, GitLab CI/CD, Docker, Git, Bitbucket, Maven, Gradle, SonarQube and code reviews.

Test management and collaboration: Jira, qTest, HP ALM, requirements traceability, defect management, test summary reporting, Agile Scrum and onsite/offshore test coordination.

Backend validation and diagnostics: Oracle SQL, Java JDBC, data integrity checks, positive and negative test data, Control-M, Splunk, Kibana and Grafana.

Professional Experience

I-NET SOFTWARE SOLUTIONS | Aug 2026 - Present

Software Developer | Hounslow, London, UK

- Develop Java application features and reusable components from functional requirements; develop REST APIs and unit tests for application logic, expected behaviour and error handling.
- Validate database records with SQL to check data accuracy and integrity during development and defect investigation.
- Investigate and fix application defects, review code and contribute to CI/CD workflows; collaborate with developers and QA on release readiness.

ENVIKA CONSULTANCY LTD | Aug 2023 - Jul 2026

Technical Software Programmer in Test | Ilford, London, UK

- Validated SOAP and RESTful services using SoapUI and REST Assured.
- Built Android and iOS automation using WebDriverIO, Appium, Cucumber and JavaScript; migrated tests to Espresso and XCUITest.
- Integrated automated tests with CI/CD and BrowserStack; used Splunk logs for investigation and Applitools for visual validation.

Professional Experience Continued

CWT | Feb 2022 - Mar 2023

QA Automation Engineer III | Minnesota, USA

- Built REST service automation using REST Assured and Java, and web and mobile test frameworks using Selenium, Appium, Cucumber and TestNG.
- Created GitLab CI/CD pipelines with Docker and qTest Insights dashboards to support automated execution and test reporting.
- Performed backend database testing using Java JDBC and Oracle 11g SQL; investigated application behaviour using Kibana logs and Grafana metrics.
- Performed UAT and risk-based testing; coordinated onsite and offshore testing with product, development and QA teams.

VRK IT VISION INC | Oct 2019 - Jan 2022

QA Engineer | Edison, NJ, USA

- Built Java web automation using Spring Boot, Selenium and Cucumber; developed mobile tests using Espresso, XCUITest and WebdriverIO.
- Validated Oracle 11g data using SQL and executed Control-M batch jobs for data extraction.
- Performed code reviews and JMeter performance testing.

N1 SOLUTIONS INC | Mar 2017 - Mar 2019

Junior Software Engineer in Test | Fremont, CA, USA

- Created test plans and Java automation using Selenium, Cucumber and TestNG; built Jenkins pipelines with SonarQube integration.
- Tested Oracle 11g databases using Java JDBC and SQL, preparing positive and negative test data.
- Analysed Splunk logs and tracked defects in Jira.

CHANNEL SOFT COMPUTER SERVICES PVT LTD | Jun 2013 - Aug 2015

Software Quality Assurance Engineer | India

- Created test scenarios, cases and test data; executed functional, regression, system and acceptance tests, and prepared test summary reports.
- Performed database testing with Java JDBC and Oracle 11g SQL; extended Selenium and Java automation.
- Participated in code reviews and production validation.

Certifications

Certified ScrumMaster | Scrum Alliance | Credential ID 1786171

ISTQB Certified Tester Foundation Level 2018 v2 | BCS | Credential ID 00565778

Education

MS Information Technology | University of the Cumberlands, Kentucky | 2020 - 2022

MS Information Systems and Security | University of the Cumberlands, Kentucky | 2018 - 2020

MS Electrical Engineering | San Francisco Bay Area University, California | 2015 - 2016

BTech Electronics and Communication Engineering | VIIT | 2008 - 2012