KARTHIKEYAN P A

Automation Test Engineer

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PROFESSIONAL SUMMARY

Automation Test Engineer with 3 years of experience in designing, developing, and maintaining Selenium automation frameworks using Java. Strong expertise in TestNG, Maven, CI/CD pipelines (Jenkins), REST API testing, and Agile methodologies. Proven experience in automating regression suites, creating reusable frameworks, and collaborating with developers and QA teams.

TECHNICAL SKILLS

Automation Tools:
Selenium WebDriver, REST Assured, Talend/Postman, Burp Suite

Programming:
Java, TestNG, JUnit, Maven,

CI/CD : Jenkins

Version Control:
Git, Tortoise Mercurial **Testing Types**:
Functional, Regression, API, Security, Performance Testing.

AUTOMATION FRAMEWORK EXPERIENCE

- Hybrid Data Driven approaches

- Selenium + Java + TestNG framework

- POM architecture

- Data-driven automation using Apache POI

- Excel & PDF validation modules

- Jenkins CI/CD integration

- API automation using Postman & REST Assured

PROFESSIONAL EXPERIENCE

Nomadia India Pvt Ltd

- Automation Test Engineer Dec 2022 – Present | Chennai
- Designed, developed, and maintained Selenium automation scripts for cloud-based apps.
- Built custom automation frameworks (Excel/PDF validation).
- Automated end-to-end functional and regression test cases.

- Performed API testing using Talend and REST Assured.
- Integrated test suites with Jenkins CI/CD freestyle & pipelines.
- Conducted deployment validation checks (Login Gateway, Email/SMS, API).
- Reported and tracked defects using Redmine & Azure DevOps.
- Performed security testing using Burp Suite Professional.
- Collaborated with manual QA teams to identify and convert high-priority test cases into automation scripts

PROJECTS

Territory Manager (Dec 2022 - Present)

(Auto-designs balanced sales territories via multi-criteria analysis.)
- Automated regression suites and deployment validation workflows.
- Reduced manual effort by 40% through Excel/PDF automation.
- Performed functional, regression, API, and security testing.

Toursolver (Jun 2023 - Present)

(Optimizes routes with algorithms factoring constraints for efficiency.)
- Automated core modules like route planning and scheduling.
- Improved regression automation coverage to 70%+.
- Integrated automation with Jenkins for nightly execution.

EDUCATION

B.Sc. Computer Science - Alagappa University (2019–2022)

CERTIFICATIONS

- Java Certification – MaasMind Institute, Chennai

KEY STRENGTHS

Analytical skills, defect analysis, collaboration, documentation, quick learning

LANGUAGES

English, Tamil