SANKARA NARAYANAN RAMESH

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CAREER SUMMARY:

ISTQB CTFL-certified QA Engineer with 3+ years of experience driving software quality in Agile and Shift Left environments. Expertise in manual testing, UI & API automation, test framework design, and CI/CD pipelines to deliver robust test coverage and faster releases. Adept at leading cross- functional teams and mentoring junior engineers, ensuring high-quality product releases with 40% reduction in defect escape rate. Proven ability to implement Scalable Automation Frameworks with Selenium, Java, and Rest Assured. Eager and adaptable to learn new domains, including legal and law environments, to meet project needs.

Technical Skills:

- **Programming Languages:** Java
- **Test Automation Frameworks:** Selenium (DTK framework), Appium, TestNG, DDT, POM
- **API Testing:** Postman, Swagger, Rest Assured
- **Test Management Tools:** TestRail,
- **Defect Management Tools:** JIRA
- **CI/CD Tools:** Jenkins(Daily Job Scheduler)
- **Version Control:** Git
- **Databases:** PostgreSQL, SQL
- **Web Technologies:** HTML, CSS
- **Debugging & Monitoring Tools:** Charles Proxy, Kibana, Redash
- **Operating Systems:** Windows, macOS, Android, iOS

PROFESSIONAL EXPERIENCE:

QA Engineer II

Amazon Development Centre, India | July 2022 – June 2024

- Pioneered automation framework enhancements using Selenium (POM), TestNG, and Rest Assured, reducing test execution time by 35%.
- Spearheaded API automation using Postman and Rest Assured, boosting API test coverage by 40%.
- Led a team of 4 QA engineers in multi-geo projects, optimizing test processes and reducing defect backlog by 20% pre-release.
- Executed performance and scalability testing across mobile and web applications, ensuring zero critical defects post-release.
- Collaborated with DevOps teams to integrate automated tests into Jenkins CI/CD pipelines, achieving a 30% reduction in deployment rollback.
- Utilized SQL queries to validate end-to-end data integrity, preventing major data discrepancies in production.
- Implemented Shift Left Testing approach, catching 80% of defects in early development phases, reducing QA bottlenecks.

Associate QA Engineer

Amazon Development Centre, India | June 2021 – July 2022

- Automated UI testing with Selenium (POM), increasing test efficiency by 30%.
- Collaborated with developers in UAT phases, ensuring 20% reduction in defect escape rate.

- Performed API contract testing for backend services, preventing major integration failures in production.
- Designed test strategies for key features, leading to zero high-severity post-production defects.

Project details:

Tools and Technologies:

- Android, iOS Applications, Smoke, Regression, Exploratory testing, Selenium, Appium, Postman, Swagger, Jira, TestRail, Kibana, Git, Redash.

Responsibilities:

- **Auto Assign, Payment Trigger, Cart Scan Pickup:**
  - Developed end-to-end automation for core functionalities across web and mobile platforms, increasing test coverage by 40%.
  - Designed and maintained automation test scripts, achieving 90% reusability across projects.
- **Homecoming & Lighthouse, Loading Guidance, ZaZu, HandleWithCare, Node M1:**
  - Led multi-geo QA teams to ensure seamless feature rollouts with zero production defects.
  - Optimized test execution pipelines, reducing regression test cycle by 30%.

Education:

Bachelor of Electronics & Communication Engineering | St. Joseph's College of Engineering

Certifications:

- ISTQB Foundation Level (CTFL)
- Selenium WebDriver with Java - Basics to Advanced+Frameworks
- The Complete SQL Bootcamp
- Postman - Learn API Testing from Scratch with Live Projects
- Introduction to Front-End Development
- Learning JIRA software
- Software testing Foundation: Test techniques