

ARUNKUMAR R

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PROFESSIONAL SUMMARY

Detail-oriented Software Tester with over 2 years of hands-on experience in Manual and Automation Testing of web and mobile applications. Proven track record in delivering high-quality software deliverables through effective test design, execution, and defect validation. Expertise in API testing and automation using Selenium WebDriver and Java within Agile/Scrum environments, contributing to continuous improvement in QA processes.

WORK EXPERIENCE

Datayaan Solutions Private Limited

Chennai

Software Tester

- Conducted end-to-end manual and automation testing of web-based applications, ensuring delivery of stable and bug-free software across multiple modules and releases.
- Created comprehensive test scenarios and detailed test cases based on business requirements and functional specifications, contributing to a 30% reduction in defects during the testing phase.
- Developed and maintained automation test scripts using Selenium WebDriver with Java, utilizing Page Object Model (POM) to enhance test reusability and efficiency by 40%. Page
- Utilized XPath, CSS selectors, and JavaScript executors to handle complex DOM structures in UI automation, improving test coverage and reliability.
- Performed extensive API testing using Postman to validate RESTful APIs, achieving 100% verification of status codes and payload structures for critical endpoints.
- Generated test summary reports and contributed to release documentation, enhancing visibility into test coverage and defect metrics for stakeholders.
- Collaborated with cross-functional teams, actively participating in daily stand-ups and sprint planning to ensure alignment on project goals and timely defect resolution.

SKILLS

Automation Testing: Selenium WebDriver

Programming Languages: Java

Test Design & Management: Page Object Model (POM) | Agile Methodology | JIRA

Testing Methods: Manual Testing | API Testing | Functional Testing | Regression Testing | Smoke Testing | System Testing

Tools & Frameworks: Postman | TestNG | Maven

Version Control: Git

IDEs: Eclipse

PROJECTS

Vehicle Management and Tracking Platform

Designed and executed manual test cases covering core modules such as Vehicle Booking and Tracking, ensuring full coverage across workflows and compliance with project specifications.

Technologies: Selenium WebDriver, Java, TestNG

- Successful defect tracking and resolution using JIRA ensuring high-quality software delivery.
- Converted manual test scenarios into automated scripts, enhancing workflow efficiency.

Healthcare Management Platform

Prepared test scenarios based on user requirements and conducted API testing for various functionalities, ensuring seamless integration and performance.

Technologies: Postman, Selenium WebDriver

- Increased test efficiency through automation and parallel testing across multiple browsers.

Fitness Platform

Developed structured test plans for user login, workouts, and subscription management, ensuring comprehensive coverage and compatibility across devices.

Technologies: Java, Selenium WebDriver

- Implemented cross-browser testing, identifying critical UI inconsistencies.

Achievements

- Best Beginner** Award for exceeding expectations and delivering high-quality work as a new team member.
- Best Innovative** Idea for suggesting a process improvement that enhanced testing efficiency and defect tracking.
- Spot Excellence** Award for ensuring quick and efficient delivery of testing tasks without compromising quality.

CERTIFICATIONS

ISTQB Certified Tester – Foundation Level | International Software Testing Qualifications Board | 03 October 2023

Selenium WebDriver with Java - Basics to Advanced + Frameworks | Udemy | 03 October 2024

POSTMAN - REST API Testing | Udemy | 03 September 2023

EDUCATION

Bannari Amman Institute of Technology

2017-2021

B.E - Aeronautical Engineering CGPA: 8.6