ARUNKUMAR JAYAKUMAR

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Objective

Aspirant for a position in an organization where I can contribute my skills for organization's success and synchronize with new technologies while being resourceful, innovative and flexible.

Professional Summary

- 2+ years of experience in IT specializing in Manual Testing for Web, API, and Desktop applications.
- Good knowledge of Software Development Lifecycle and Software Testing Lifecycle, including methodologies such as Agile.
- Experience in reviewing and analyzing Business Requirements and all phases of the Software Test Process, including Test Planning, Writing Test Cases, Collecting Test Data, Analyzing Test Results, and Test Closure.
- Experience utilizing tools like Postman and REST Assured for thorough and effective API testing.
- Experience in validating API documentation, including endpoints, response codes, headers, and payloads.
- Participation in agile development processes and contribution to continuous improvement efforts.
- Identify and report bugs, and track defects using tools like the JIRA test management tool.
- Interacting with the development team to review and fix defects and issues.
- Generate work progress reports and communicate them to the Test Lead to ensure transparency and track the testing progress.
- Extensive work knowledge in test automation using Selenium WebDriver, Java (with OOP concepts), Jenkins, Maven, PageObjectModel (POM), TestNG, Cucumber, and Robot Framework.

Education

Bachelor of Engineering in Electronics and Communication (6.4/10)
Government College of Engineering, Bodinayakkanur, Tamil Nadu, IN   **(2019)**

Certification

Certified Software Tester (CSTE) at Refinement Software Solutions
Specialized in **Manual & Automation Testing** (Selenium WebDriver with
Core Java, Advanced Frameworks)   **(2022)**

Skills

- Agile Methodology
- SDLC
- Test Plan
- Test Case Design
- Test Data Management
- Test Scenarios
- Test Estimation
- Test Environment
- Bug/Defect Report
- Black Box Testing
- Cross-browser Testing
- GUI Testing
- Smoke and Sanity

- Functional Testing
- Regression Testing
- End-to-End Testing
- API Testing
- Selenium WebDriver
- Core Java with OOPS
- TestNG (TDD)
- Robot framework
- Jenkins
- Maven
- POM

Tools

- Postman API
- REST Assured
- Lambda
- Jira
- Selenium

Professional Experience

Working as a **Software Test Engineer** in **Codenatives India Pvt. Ltd., Chennai, TN** from **December 2022** to **till date.**

Project Details:

Project#1: Digital Lagoon and 360 Web Designs (Dec 2022 - Feb 2023)
Domain: WordPress & Woo Commerce based websites
Technologies: WordPress & Lambda

Roles and Responsibilities:
- Analyze business requirements, technical specifications, mock designs, sitemap and business workflow to identify testable elements.
- Ensure that test cases cover all aspects of the WordPress website, including core functionality, plugins, themes, and customizations.
- Execute manual test cases to validate the functionality, usability, and accessibility of the WordPress website.
- Perform cross-browser and cross-device testing to ensure compatibility and responsiveness.
- Conduct regression testing to ensure that recent changes or updates have not adversely affected existing functionality.
- Identify, document, and report defects using Excel sheets.

Project#2: Watchfire Ignite Opx (Mar 2023 - Jun 2023)
Domain: Design & Manufacture LED displays with extreme focus on quality
Technologies: Robot Framework, RIDE, Selenium, Python, Keyword Driven Framework, Auto IT, JIRA

Roles and Responsibilities:
- Created, Reviewed and updated Test Scenarios, Test Cases and Test Data.
- Handled responsibilities of executing test strategy, writing test scripts for web manual testing.
- Responsible for writing and maintain robot framework automation scripts for regression and functional testing using keyword driven framework in Agile Scrum methodology.
- Perform Cross browser testing and parallel execution to check the compatibility and stability of the application.
- Developed and maintained automated test scripts to reduce repetitive manual testing.
- Maintain and update test documentation, including test cases, test plans, and test scripts.
- Execution of Tests and Reporting Defects using JIRA.

Project#3: Phenowise (Jul 2023 - Present)
Domain: Premium Healthcare Information Management
Technologies: Manual Testing, Postman API, REST Assured, Agile Scrum, Lambda, JIRA

Roles and Responsibilities:
- Involved in Review and understand software requirements and specifications to develop test cases and test plans.
- Write test cases using various test case design techniques to ensure comprehensive test coverage.
- Develop test scenarios and detailed test cases for Smoke, Functional, Integration, and System testing.
- Execute manual test cases and document test results to ensure software functionality and performance.
- Perform cross-browser testing and parallel execution to verify the compatibility and stability of the application across different web browsers.
- Perform regression testing to validate fixes and ensure that new code changes do not negatively impact existing functionality.
- Perform API testing using tools like Postman and REST Assured.
- Create and execute test plans and test cases to validate API functionality and performance.
- Expertise in http request Methods like GET, POST, PUT, DELETE and validating the response code and response body. Validate API endpoints are integrated properly with third-party systems and external APIs.
- Participate in reviewing test cases with the team to make sure accuracy and completeness.
- Execution of Tests and Reporting Defects using JIRA.
- Collaborate with developers and other team members to resolve issues and ensure timely delivery of high-quality software.