

Suriya S

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CAREER OBJECTIVE

Experienced QA Automation Engineer with over 5 years of experience. I have complete knowledge in full system development life cycle, including designing, developing, and implementing test plans, test cases and test processes in an agile environment. Proficient in creating, executing, and maintaining automated test scripts using Cypress and Selenium.

CORE COMPETENCIES

- 5 years of professional experience in Software Testing for Web-Based Applications using Selenium WebDriver and Cypress.
- Expertise in creating scripts in Selenium WebDriver using Java and in Cypress using JavaScript.
- Proficient in automation frameworks such as Cucumber with BDD, JUnit, TestNG, Mocha, Chai, POM, and Data-driven frameworks.
- Experience in developing BDD scripts using Feature Files with the Cucumber tool.
- Familiarity with Build Automation Tools like Maven and Continuous Integration Tools like Jenkins.
- Skilled in designing Test Scenarios, Test Scripts, and Test reports for automated tests.
- Experienced in working with SDLC, STLC with Agile-Scrum methodologies of software development.
- Hands-on experience with Defect Tracking Tools such as JIRA.
- Maintaining source code with GIT.
- Good experience in writing X-paths and CSS selectors to identify web elements.
- Experienced in writing SQL Queries.
- Involved in Agile ceremonies like Daily Scrum call, Sprint planning, Sprint review, and retrospective.

TECHNICAL SKILLS

- **Language:** Java, JavaScript, Groovy

- **IDE:** Eclipse studio, Visual studio code
- **Automation Tool:** Cypress, Selenium
- **Framework:** Cucumber, JUnit, TestNG, Mocha, Chai, POM
- **DBMS:** MS SQL
- **Tools & Utilities:** GIT, Maven, Jenkins, MS-Office, BrowserStack, Postman
- **Project Management Tool:** JIRA, Testrail, Zephyr
- **Domain Knowledge:** E-commerce, Device testing, Sports applications

PROFESSIONAL EXPERIENCE

QA Engineer

Orion Innovation, Chennai | December 2021 – Till Date

Project: The Football Association

- **Client:** The Football Association, London
- **Domain:** Sports
- **Role:** QA Engineer - Automation
- **Methodology:** Agile

Responsibilities:

- Developed and maintained comprehensive end-to-end test suites using Cypress and JavaScript.
- Utilized Mocha and Chai for writing and structuring test scripts, ensuring robust and reliable test cases.
- Integrated Cypress tests into CI/CD pipelines using Jenkins, improving deployment reliability and speed.
- Developed test scenarios for process, function, integration, and acceptance testing across eligible devices.
- Conducted smoke, functional, regression, sanity, and production testing.
- Tested web service calls to ensure correct data transmission to the backend via web developer tools (e.g., Firebug, Chrome Developer Tool, Safari Web Inspector).
- Interacted with business analysts and developers in requirements analysis, design reviews, testing, and documentation for applications developed in an agile environment.
- Managed communications related to QA status daily during execution and reported potential risks and daily/weekly progress to managers and team members.

Quality Services Associate

Amazon Development Centre India, Chennai | August 2019 - December 2021

Project: Kindle E-reader web applications and Amazon Alexa

- **Domain:** E-commerce and Device
- **Role:** Manual/Automation Tester
- **Methodology:** Agile

Responsibilities:

- Analyzed and understood user stories and acceptance criteria and prepared test cases as per system requirements and user stories.
- Developed Gherkin feature scenarios and automation scripts using Selenium with Cucumber and implemented various automation frameworks like POM, TestNG.
- Participated in the Sprint Planning process and developed test plans.
- Identifying test data using test case design technique and preparing traceability matrix to achieve minimum coverage in the project
- Write/Review/Execute Test cases and Identifying test data using test case design technique
- Performing Smoke testing, functional testing, integration testing, system testing etc.

EDUCATION

- **Bachelor of Computer Applications (BCA)** from SRM University (2019).
- **Master of Computer Applications (MCA)** from Madras University (2020 – 2022).

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