Pranav Dilip Bhosale
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Quality Engineering Analyst
Infosys, Pune

Summery:

Automation Test Engineer with 4 years of experience in software quality testing, delivering high-impact solutions for the Banking and Telecom domains. Proficient in manual and automation testing, including test planning, scripting, execution, and reporting, with expertise in Java, Selenium WebDriver, and API Testing using Postman, SQL query. Recognized for implementing innovative automation frameworks that reduced manual testing efforts by 99%, saving significant time and resources. Integrating automation within CI/CD pipelines using Jenkins, GitHub, Maven.

PROFESSIONAL SYNOPSIS:

- A detail-oriented professional with **4 Years** of experience in Software Testing, proficient in testing on **Web based** using Java with **Selenium WebDriver**. Strong in **SDLC, STLC** and **Defect Life Cycle** Proficiency in **Agile Sprint** Test Plan.
- Hands on Experience of different types of testing like **Sanity**, **GUI, Functional Testing**, **Re-Testing, Regression Testing.**
- Hands on experience of handling **Frames**, **Mouse hover actions**, **Popups and List Box using Action Class and Select Class.**
- Experience in Build Management Tool which is **Maven** for the **Data Driven Framework**.
- Performed **API testing** using **Postman** for validating RESTful services with assertions on response status, headers, and JSON body.
- Hands on with **Automation framework design and implementation** according to project structure
- Automation test execution, maintenance & enhance the existing new **automation test suite.**
- Strong understanding of **Java, OOPS concepts**, **Arrays**, **Collection**.
- Create and maintain libraries and object repositories for the **Automation Framework**.
- Exposure to terms like **Method Overloading** and **Method Overriding**, **Inheritance**, **Abstraction**, **Encapsulation** and **Polymorphism**.
- Knowledge of **Data driven Testing**, multiple browser testing and Parallel Test execution using **Selenium WebDriver and TestNG**.
- Hands on experience in end to end functional and regression testing of applications, including **requirements understanding**, test case and **Scenario Development**, test execution, **results analysis.**
- Experience in identifying web elements using **Selenium locators.**
- Knowledge of handling **Synchronization/Waits (Implicit and Explicit).**
- Familiar with use of **Maven, GitHub, and Extent Reports.**
- Extensive experience of creating **POM and Test classes for the framework**.
- Understanding Business need from BA's. Writing Process flow based on requirement and automating the scripts.
- Detecting bugs & classifying them based **on Severity, Priority.**
- API testing concepts using **Rest Assured,** including request/response validation.
- Familiar with **BDD approach using Cucumber** and Gherkin for writing readable test scenarios.
- Enabling consistent test execution across environments and seamless integration into **CI/CD pipelines using Jenkins, Maven, GitHub**, Docker etc.

WORK EXPERIENCE

- Working as **Quality Engineering Analyst at Infosys ltd,** Pune from April 2022 to till date.

TECHNICAL SKILLS

- **Languages & OOPs:** Core Java, OOPs Concepts, Arrays, Collections, Exception Handling
- **Automation Tools:** Selenium WebDriver, Eclipse
- **Automation Frameworks**: TestNG, POM, BDD Cucumber
- **CI/CD & DevOps**: AWS, Docker, Jenkins, GitHub, Maven
- **Testing**: Automation Testing, Functional Testing, API Testing, Database Testing
- **API Testing:** Postman, Rest Assured
- **Databases:** Oracle SQL
- **Project Management Tools:** Agile/Scrum, Jira, Rally

PROJECTS

Project:1 WealthPro - Investment Banking
Project:2   TelcoOSS – CRM Billing System

Testing Approach: Manual & Automation Testing
Roles and Responsibilities:

- Analyzed and validated **business requirements**, ensuring **100% alignment** with test cases and scenarios.
- Designed and developed **test scenarios** and **test cases**, increasing test coverage by **20%**.
- Collaborated with **Test Managers** and **Business Analysts** to review test cases, ensuring accuracy and completeness.
- Developed and maintained **automation scripts** for new and existing test cases using **Selenium WebDriver**, resulting in a **30% reduction** in manual testing time.
- Automated all **functional** and **regression testing** scenarios, improving test efficiency and consistency across multiple projects.
- Performed **UI and API response comparisons**, identifying critical defects and ensuring system integrity.
- Executed test cases and reported defects, achieving a **95% defect resolution rate** within sprint timelines.
- Led the **defect management process** using **Jira** & **Rally**, tracking and prioritizing issues, reducing the defect backlogs
- Created and enhanced **reusable test components**, improving test suite efficiency by **20%**.
- Developed scripts using **Element Locators**, **WebDriver methods**, and **TestNG annotations**, ensuring **faster test execution**.
- Actively participated in **peer reviews** of test scenarios and scripts, improving **test coverage** and ensuring alignment with project requirements.
- Participated in all **Agile sprint activities** (stand-ups, grooming, planning), ensuring timely delivery and efficient collaboration with the team.
- Involved in **end-to-end functional** and **regression testing**, from requirements gathering to test execution and results analysis, achieving **100% coverage** of functional requirements.
- Documented **test cases** and gathered **test data**, ensuring thorough tracking and sign-off from stakeholders.
- Created and executed **test batches**, **reported defects**, and followed up for prompt resolution.
- Actively maintained and enhanced the **automation test suite**, ensuring the tests remained relevant and efficient with every new release.
- Created **data-driven API test frameworks** integrating Rest Assured with **TestNG/JUnit** for reusable and maintainable test cases.
- Integrated Selenium-based automation test suites into **Jenkins, Maven, GitHub, CI/CD pipelines**, enabling continuous testing and reducing **manual QA efforts by 60%,** resulting in faster release cycles and improved product stability.

EDUCATIONAL DETAILS:

- Bachelor of Engineering (BE) from Shivaji University, Kolhapur, Maharashtra, India.

CERTIFICATIONS:

- Infosys Certified Selenium Advance Automation Tester
- AWS Certified Solutions Architect Associate