SHIV KUMAR CHAUHAN

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Objective

I am a highly motivated and detail-oriented QA professional with over **3 years** of hands-on experience in **Manual Functional** and **Automation Testing**. I possess a strong understanding of software quality assurance processes, with a proven track record of delivering high-quality products through manual and automated testing. Skilled in executing comprehensive test cases, identifying and reporting defects, and ensuring product reliability and performance. Adept in using **Java** with **Selenium**, **TestNG** framework, and **Maven** for automation, while balancing **60% manual/functional** and **40% automation** testing in diverse projects.

Professional Experience

QA Engineer - *Qualitest | Noida|*
Feb 2022 – Present

- Contributed to successful product launches through meticulous end-to-end testing of applications.
- Collaborated with the developers to identify and resolve software issues, leading to higher product reliability.
- Developed and maintained **automated test scripts** for web applications using **Selenium WebDriver** and **Java**.
- Automated **functional**, **regression**, and **smoke tests** to ensure quality delivery of the product.
- Executed **cross-browser testing** on multiple browsers including Chrome, Firefox, and Safari, ensuring the web application's functionality across platforms.
- Designed and implemented a **modular automation framework** using **Selenium**, **TestNG**, and **Page Object Model (POM)** to improve test maintainability and reusability.

Projects (Relevant to Automation Testing)

1. Selenium for Beginners - Exception Handling & Waits
- Developed a Selenium project to handle and troubleshoot five common exceptions: *NoSuchElementException*, *TimeOutException*, *ElementNotInteractableException*, *InvalidElementStateException*, and *StaleElementReferenceException*.

- Identified causes of each exception and implemented solutions to resolve issues during test execution.
- Used ImplicitWait and ExplicitWait to manage dynamic web elements and resolve timing issues in tests.
- Demonstrated how to handle exceptions effectively and improve test stability with wait strategies.

2. DemoBlaze E-commerce Web Automation Testing Using Java and Selenium
- Developed and automated test cases for various pages of the DemoBlaze e-commerce platform, including Registration, Login, Logout, Add to Cart, Product Search & Navigation, and Checkout process.
- Utilized Selenium WebDriver with Java to perform functional automation testing across different browsers.
- Implemented TestNG framework for test execution, incorporating advanced annotations like @Test, @BeforeMethod, @AfterMethod, @BeforeSuite, @AfterSuite, @BeforeClass, @AfterClass.
- Designed parameterized test cases, grouping related tests, and prioritized test execution for efficient test management.
- Executed tests using TestNG Suites, leveraging parallel execution across multiple browsers and environments to ensure cross-browser compatibility.

Skills

- **Technical Skills:** Java, Selenium, TestNG, JUnit, Postman, SQL, GitHub, JIRA
- **Testing Types:** Manual Testing, Functional Testing, Regression Testing, Ad-Hoc Testing, Smoke & Sanity Testing, API Testing
- **Other Tools:** Maven, Eclipse, IntelliJ IDEA, Visual Studio Code
- **Other Skills:** Cross Browser, STLC, Bug Reporting, Test Case Writing, Test Case Execution, Bug Life Cycle, Wiki, Photoshop, Illustrator

Education

- **MCA**
  Manipal University Jaipur | 2023

Certifications

- **Selenium WebDriver with Java** | [Udemy]
- **Java for Testers |** [Udemy]
- **API Testing Using POSTMAN |** [Qualitest]