Manish Kumar Singh
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Location: Noida

Over 3 years of experience in Information Technology, with specializing in **QA Automation Engineer** –SDET, proficient in design and development of **Automation Framework, Testing of Web Client Server,** Web services, **TV Applications**, **Android Applications** and manual testing.

Professional Summary:

- ❖ Professional expertise in Creating, Modifying and Maintaining new and existing Automation Framework Models (**TDD**, **Hybrid and Data Driven Frameworks**)
- ❖ Experienced in automation of Web based application using **Java, Selenium Web Driver, Cucumber, TestNG, Maven, Git and Jenkins tools.**
- ❖ Solid understanding of **SDLC** and **STLC ,Test Plan**, **Test Design**, **Test Execution**, Defect Reporting and Tracking.
- ❖ Hands on experience designing **SQL** Queries for data validation
- ❖ Involved in different phases of testing (**Functional**, **Regression, Smoke, Sanity**) and Database Testing
- ❖ Hands on experience with **Selenium Locators** and **Synchronization**.
- ❖ Automated Web services by writing automation scripts with **Rest Assured** and used **assertions** for data validation and performed data driven for validating different **endpoints**.
- ❖ Sound knowledge of **Maven** build tool to manage dependency in **POM** xml and build life cycle.
- ❖ Proficient in Source Code management tool like **Git** and **Git hub**.
- ❖ Hands on experience on defect-reporting and defect-tracking tools like **Bugzilla and Jira.**
- ❖ Proficient in writing, executing and managing **Test Cases**, developing **Test Plans**, **Test Scripts** and **Test Strategies** that meet functional requirements, performance requirements and satisfy user acceptance criteria.
- ❖ Experience in **Core Java**, development by applying **OOPS concepts**.
- ❖ Proficient in **Agile Methodology** and terminology associated with Agile.
- ❖ Excellent interpersonal skills, ability to adapt to new environment quickly, proven team player with an analytical bent to problem solving and delivering under high stress environment.

Technical Skills and Tools:

Automation Testing Tools	Selenium-IDE/RC/WebDriver and Rest Assured API Testing
Languages	Core Java and SQL
Bug Tracking Tools	Bugzilla , Jira
Test Framework	TDD(TestNG) , Data Driven and Hybrid Framework
Build Tools	Maven
Version Control	Git and GitHub
IDE	Eclipse and SQL Server 2016
Testing Methodology	Waterfall , Agile

Domain	Enterprises Work , Retail Solutions
Operating System	Windows 7/10
Utilities	MS Excel, MS Power Point, MS Word

Organizational History and Project Summary:

Organization: Westway Electronics Ltd. Noida
Project 1
Role: Application Testing Engineer   **Duration:** November 2019 - till date
Project Description: User interface systems for the Order Management
Contributions:
- Developed Automation framework using Selenium Web Driver and Used Eclipse IDE to develop & debug the code.
- Created automation test scripts using **Hybrid Framework** with **Page Factory** approach for selenium automation using **Selenium WebDriver**, **Java** and **Maven**.
- Worked on the HTML DOM to get **Selenium Locators** using xpath and cssSelector.
- Preparation of **Test data**, Test Environment setup, **Test Plan**, **Test execution**.
- Connected to database to Query the database using **SQL** for data verification and validation.
- Worked closely with business and developers, got the issues fixed within SLA which lead to timely launch of the project into production with **zero defects**.
- Involved in writing the **QA Test Results** and Evaluation Reports.
- Involvement in API testing with Rest Assured BDD Framework and Postman tool.

Environment: Selenium WebDriver, Java, Java Script, POM, Maven, Git, GitHub, TestNG, , Jenkins, MS word, MS XL, Bugzilla, Postman , Rest Assured.

Organization: Westway Electronics Ltd. Noida
Project 2 –
Client–CVT Electronics Group, Guangzhou Science Park, Guangzhou, China
Role: Application Testing Engineer   **Duration:** August 2019-October 2019
Project Description: Android application testing like **YouTube, Netflix**, **Amazon Prime**, **Zee5**, and their **updates** on a web Server and android Television.
Testing Approach: Manual testing of Android application on the web server.
Contributions:

- Updated **Test Plans** and **Test Cases** periodically to manage changes in requirements.
- Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
- Performing **Functionality Testing**, **Validation Testing** & **Verification Testing**.
- Performing **Regression testing**.
- Preparing the Reports for submitting **daily status report** of planed task to the team leader.
- Manually check data validation in database with the help of **SQL queries**.

Environment: Android Applications, Television APP, Simulators, Manual Testing, SDLC/STLC, SQL, Android Mobile, Android television.

Organization: **Cloudsoft Technology, Greater Noida**
Project 3– Enterprises -Work Solution
Role: Associate Software Quality Consultant   **Duration:** Sept 2017- August 2019
Project Description: E-Work Solution is a system to communicate and collaborate with the members of other centers of a decentralized organization.
Testing Approach: Manually testing of Web application on the web server.

Contributions:
- To understand the new business and functional requirements through **BRD** document.
- Involved in developing **Test Plan**, T**est Strategies**, T**est Scenarios**, T**est** S**cripts** and test steps based on Business and System Use Cases.
- Preparation of **Test data**, Test Environment setup, **Test Plan, Test execution**.
- Updated **Test Plans** and **Test Cases** periodically to manage changes in requirements.
- Prepared **Traceability Matrix** to ensure the adequate coverage of the test cases.
- Performing **Functionality Testing**, Validation Testing & Verification Testing.
- Performing **Regression testing**.
- Preparing the Reports for submitting **daily status report** of planed task to the team leader.
- Manually check data validation in database with the help of **SQL** queries.

Environment: Waterfall Methodology, Manual Testing, SDLC/STLC and SQL, Test Summary and Defect Report.

Teaching Experience:
- Four years (Aug 2010 - Aug 2014) as a lecturer in physics (Applied Science) in Anand Engg. College (S.G.I. Group) Agra,
- One year (Aug 2014 - Aug 2015) as an Assistant Professor in Sachdeva Institute of Technology Farah,
- Two years (Aug 2015 - Aug 2017) as an Assistant Professor in in IEC College of Engineering & Technology, Greater Noida

Education:
- **Master of Technology** in Nanotechnology (**2009-2010)**
- **Master of Science** in Electronics & Computational Physics (**2006-2007)**

Personal Details:

Date Of Birth	02-October-1985
Nationality	Indian
Gender	Male