### **RAKESH SAMILLA**

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**EXPERIENCE SUMMARY**

* **Total 14 years of IT experience** as **Automation Test Lead** in Quality Assurance with experience in **Manual** and **Automation** testing with **Core Java**.
* Worked with Agile project development lifecycle in different cross-functional teams as well as strong experience in Software Development Life Cycle and Testing Methodologies from project definition to post-deployment documentation.
* Experience in various testing types **Functional**, **Integration**, **Regression**, **Graphical** **User** **Interface** (**GUI**), **System**, **API** testing, **User** **Acceptance** testing (**UAT**) and browser compatibility testing on **Mobile** and **Desktop**.
* Strong Experience in writing **Test Plans, Test Scenarios, Test Scripts, and analysing test results.**
* Expertise in Testing of applications on real **Mobile devices** and automation using **SeeTest, HP Mobile Center** tools and **Web technologies**.
* Expertise with Web Application Automation using in **Selenium WebDriver** and **LeanFT** tools.
* Experience in utilizing **Core Java** for developing and maintaining robust automation frameworks with **Selenium**.
* Experience in **Maven,** **Jenkins, Git and GitHub.**
* Implementation of **BDD Cucumber**, **TestNG** frameworks, **Page Object Model** design.
* Experience of Continuous Integration and Continuous Delivery CI/CD pipeline using Jenkins.
* Hands-on experience of **Gaming,** **Telecom, Logistics** and **Retail ecommerce** applications.
* Performed **Americans with Disabilities Act (ADA)** testing on real **Mobile** devices.
* Experience in testing RESTful web services, encompassing functional, integration, and end-to-end testing to ensure robust API performance and reliability.
* Strong understanding and application of **Java** OOP principles in designing test automation solutions.
* Experience in using **Playwright** for end-to-end testing of web applications.
* Good experience in using Agile management tools like **Agility (VersionOne)**, **QC**, **Jira** including defect management.
* Basic experience in Performing **Rest API** testing, using **JSON** and **XML**.
* Conducted security testing for **SQL** injection vulnerabilities, ensuring that the database was secure from unauthorized access and attacks.
* Experienced in testing edge cases, invalid inputs, and error handling for RESTful APIs to ensure robustness and reliability.
* Ability to adapt to new environment quickly, strong team player, good communication, good analytical and computation skills, leadership, change management skills, enthusiastic learner, confident and committed.

**TECHNICAL SUMMARY**

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| **Testing Tools** | Selenium, LeanFT, Cucumber, Playwright |
| **Programming Language** | Java |
| **IDE** | Eclipse, IntelliJ |
| **Test Framework** | TestNG, LeanFT, BDD Cucumber, POM |
| **Web Debugging Tool** | XPath, FirePath, Firebug |
| **Build Tool** | Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | Agility (VersionOne), QC, JIRA, Bugzilla, Mantis |
| **Continuous Integration** | Jenkins |
| **Version Control** | GIT, GitHub, Bitbucket |

# **EDUCATION & CERTIFICATIONS**

* Engineering graduate in Electronics & Electrical Engineering in 2008.
* Certified SAFe Agilist from Scaled Agile academy in 2019.

# **PROFESSIONAL EXPERIENCE**

* Working with **Eviden (Atos)** as **Automation Test Lead** from July 2018 to till now.
* Worked with **Agranee Solutions** as **Automation** **Test Lead** from June 2016 to July 2018.
* Worked with **Amdocs** as **Automation Test Engineer** from February 2014 to June 2016.
* Worked as a **Senior Software Test Engineer** at **Codewalla Software** Development Ltd from April 2010 to November 2013.

# **PROJECTS**

**Project: FedEx Services**

Role: Automation Test Lead

Duration: July 2018 to till date

**Description:** **FedEx Mobility**: FedEx Forge application testing is a part of FedEx Ground. It is a mobile based application which is mainly used by FedEx Drivers who deliver/pickup packages to the customers. Forge validates the user’s vehicle details at login to ensure compliance with regulations and contract terms. During vehicle validation, Forge may display vehicle notifications concerning regulatory compliance. For example, for vehicles that pick up, deliver, or travel through the state of California, the application validates the vehicle for California Air Resources Board (CARB) compliance. It has different Webservices which collect and sends the date to the application.

**Responsibilities:**

* Coordination with offshore & onshore teams on daily basis to understand the requirement of the project.
* Handling the Sprint testing activities on daily basis and ensure on-time delivery with quality and within scope.
* Working with **HP Mobile Center** and **SeeTest** cloudtools to test Functional and **Skin UI** on **Mobile** and **Tablets**.
* Working extensively on **iOS** and **Android** platforms
* Participated in regular meetings with higher management to communicate accomplishments, plans, and issues as well as any risks to the project's progress.
* Provided ideas & took initiatives like **Test case optimization**, **In-Sprint automation** and adding new **Mobile testing types**.
* Designed, developed, and executed detailed test cases for **REST API** endpoints, including scenarios for functional, negative, and edge cases to ensure comprehensive test coverage.
* Analyzed logs and used **Java** logging frameworks (e.g., **Log4j**) to capture detailed information for troubleshooting test failures.
* Implement scheduled Smoke & Regression with **Jenkins** for **Continuous Testing**
* Training team on automation skills on **Selenium**, **BDD Cucumber**, **TestNG** and **Maven**.
* Suggested **BDD cucumber framework** to client and created framework after client approval.
* Implemented the **Page Object Model** design pattern to enhance code reusability and maintainability.
* Validated **API** responses by checking status codes, headers, and payloads (JSON/XML) to ensure that they meet the specified requirements and data integrity.
* Utilized **Maven** for project build management, dependency handling, and continuous integration (CI) processes.
* Developed and maintained **automated test suites** using Playwright to ensure high-quality releases and reduce manual testing efforts.
* Performed data verification and validation by comparing actual results with expected results using **SQL** queries, ensuring that all database operations were correctly executed.
* Performed **ADA** (American Disabilities Act) testing on real **Mobile devices**.
* Collaborated closely with developers, QA engineers, and product managers to ensure that **API** requirements were clearly understood, and that the testing strategy aligned with project goals.
* Proficient in using **Java** debugging tools and techniques to identify and resolve issues in automation scripts.
* Configured and executed **parallel test runs** to improve test execution times and efficiency using Playwright’s parallelization capabilities.
* Introduced **Network Virtualization** testing on Mobile devices using **SeeTest cloud** tool.
* Creating required metrics for showcasing teams’ progress.
* Making the **Selenium** and **LeanFT** scripts as **platform** **independent** for **Desktop**, **Mobile**.

**Environment:** WebDriver, LeanFT, Java, TestNG, Cucumber, Jenkins, Agile, Maven, XPath, Firebug, GitHub.

**Project: Best Buy**

Role: Test Automation Lead

Duration: June 2016 to July 2018

**Description:** Best Buy is one of Canada’s largest and most successful retailers, operating the Best Buy ([www.bestbuy.ca](http://www.bestbuy.ca/)). It has Desktop, Mobile sites frontend sites and Inventory management, Catalog Manager backend tools.

**Responsibilities:**

* Coordination with offshore & onshore teams daily to understand the requirement of the project.
* Creating Test Cases, Stories with functions using Element Locators like **XPath**, **id**, **Name** and **Selenium** **WebDriver** methods.
* Identifying the test cases which need to be automated.
* Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.
* Creating separate **Class** files for each page which contains methods of each element such as XPath and **Constants** java files for storing inputs and messages of the application.
* Making the **Selenium** script as **platform** **independent** for **Desktop**, **Mobile** and **CSR** applications.
* Execution of **Selenium** test cases locally, in **Jenkins** on various **Builds** and **environments**.
* Performing the **code** **peer** **review** of teammates before committing the code to the server by using **Git** and **Bitbucket**.
* Involvement in Perform GUI, Functional, Integration, Regression testing and Smoke testing, Test Execution, Results Analysing and Defect Reporting.
* Performing **Rest API** testing sending HTTP requests to specific URLs, passing URL parameters as arguments to the services and testing return data in the HTTP response as either **JSON** or **XML**.
* Gathering the **Jenkins** results with the **TestLink** results and reporting it to the client.

**Environment:** WebDriver, Java, TestNG, Jenkins, Agile, Maven, XPath, Firebug, IntelliJ, Jira, Git, BitBucket, Windows 7

**Project: COPS**

Role: Software Test Engineer

Duration: Feb 2014 to up June 2016

**Description:** COPS is a Self-Optimization Network application; this automation centric service enables operators to follow consistent processes daily to quickly address on-going network issues across multiple technologies and RAN vendors. Short term operational issues are identified and fed to the right teams for resolution. Optimizers and network operations resources using a common agnostic platform to view, monitor, and analyse Telecom data.

**Responsibilities:**

* Interacted with business analysts, developers, technical support and help them in base line the requirement specifications.
* Created Test Cases, functions using **Element Locators** and **Selenium WebDriver** methods.
* Included in designing the **BDD JBehave framework** using **Selenium** **WebDriver.**
* Creating the JBehave stories and mapping the respective methods with properties.
* Execution of **Selenium** Test cases in multiple browsers and maintaining results.
* Defect management & follow up with development teams.
* Conducting **Data driven testing**, **Cross browser testing**.
* Involvement in Test Execution, Results analysis, and Defect Reporting.
* Perform GUI, Functional, Integration, Regression testing, Smoke testing.
* Creating and maintaining test artifacts such as Test Cases, QA Status, Bug reports.

**Environment:** WebDriver, Java, JBehave, TestNG, Jenkins, Agile, Maven, XPath, Firebug, IntelliJ, TestLink, TFS, SVN, Bitbucket, Windows 7

**Project – Mobizzo**

Role: Test Engineer

Duration: April 2010 to Nov 2013

**Description:** Mobizzo is an entertainment service offering trivia games on **Mobile** **phones** and smartphones, from Jesta Digital. Trivia games are played via SMS-text and mobile web. Mobizzo works on any phone that can send text messages and on smartphones with mobile browsers. As of 2010, these U.S. carriers are supported: AT&T, Alltel, Centennial, EKN, Cellular South, nTelos, Rural Cellular Corp., Bluegrass, ECIT, Cellcom, Cincinnati Bell, Dobson.

**Responsibilities:**

* Understanding requirements & technical specifications; access system to identify test cases which are feasible for Regression and Smoke testing.
* Reviewing Test Cases and procedures to ensure coverage of and conformance to business requirements.
* Found the critical/high defects and prepared the test reports.
* Execution of Regression Testing by repeated execution of recorded Test Scenarios to identify errors in each modified build in the process of Testing.
* Involved in all the phases of Agile development.
* Using of Device Anywhere to Perform Testing on different mobile phones.
* Working on Mantis, Jira as the Bug tracking tools

**Environment**: Mantis, Bugzilla, Device Anywhere tool

**DECLARATION**

I hereby declare that all the information provided here is correct and true to the best of my knowledge.

(Rakesh Samilla)