

Rajlakshmi Sarma

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Profile

Intend to build a career with a leading corporate of hi-tech environment with committed and dedicated people, which will help me explore and realize my potential. I am willing to work as a key player in a challenging and creative environment. With a proven track record of delivering high-quality solutions, I am committed to leveraging my technical skills and leadership abilities to contribute to the success of any team I work with.

Professional Summary

- An experienced SDET who is performance-driven and expert with over 11 years of continuous advancement and expertise in Software Testing.
- Has been specifically involved in designing and maintaining automation frameworks and scripts for testing with Web, Mobile, API and backend systems in multiple domains.
- Extensive knowledge of developing and executing test plans, test scenarios and test cases based on business requirements.
- Well versed with Agile processes, Software Testing Life Cycle (STLC) and Bug life cycle.
- Worked with automation tools like Selenium Webdriver and Sahi using Java.
- Performed API testing using tools like JMeter and Postman.
- Experience in Frameworks like Cucumber and TestNG.
- Have worked with project management tools like Maven, Git, Jenkins.
- Well versed in the process and techniques of software defect logging and tracking.
- Good experience in problem-solving and effectively communicating with teams across different geographic locations.
- Excellent Communication and interpersonal skills with clear understanding of business processes and ability to work as part of a team or individually.

Technical Skills

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|--------------------------|-------------------------------------|
| • Languages: | Java |
| • Database: | Postgres, SQL Server |
| • Web Technology: | HTML, XML |
| • Frameworks/Tools: | Selenium, Jenkins, JMeter, Cucumber |
| • IDE: | Eclipse, IntelliJ, Visual Studio |
| • Test Management Tools: | Jira, Bugzilla, HP ALM |
| • Methodologies: | Agile, Waterfall |
| • Platform: | Windows, iOS, Android |

Work Experience

Organization: Crestron Electronics, Bangalore

Designation: Senior Automation Development Engineer

Duration: Jul 2021 till date

Crestron Electronics **XiO-Cloud** is a IoT-based deployment and management platform for the modern intelligent workplace. It allows all supported Crestron devices and third-party devices across an enterprise to be managed and configured from one central, secure location in the cloud.

- Working as a key contributor for designing and maintenance of our Automation framework and suite for the core products in the Crestron XiO Cloud platform.
- Design new scripts for front-end feature change in product and maintenance using **Java**, **Selenium Webdriver**, **TestNG**, **JSON** and basic OOPs concepts.
- Performed **API Testing** for both back-end and UI-based components using REST Assured and Postman.
- Develop and optimize CI/CD build jobs for different environments and feature automation jobs in **Jenkins** pipeline.
- Analysis and debugging of the daily regression and smoke suite execution results, identifying product issues or script issues and implement resolution for failed scenarios wherever applicable.
- Monitor and troubleshoot the execution environment in the remote Virtual Machines and maintenance and creation of build jobs in Jenkins for different suites.
- Hands-on experience with Source Code Management (Version Control System) tools like Tortoise **SVN** and **GitHub** where we maintain different branching and commit repo.
- Defect tracking, bug verifications and automation tasks tracking using **Jira**.
- Collaborated with cross-functional teams to identify and resolve critical software issues, ensuring timely release of high-quality automation suites.
- Mentored junior automation engineers by providing technical guidance, training and support resulting in increased productivity and improved code quality.

Organization: Sonata Software Ltd., Bangalore

Designation: Consultant

Duration: Aug 2011 till Jun 2021

My last role as a Senior QA (manual and automation) included involvement in various stages of functional and automation testing for multiple projects and clients. During my entire tenure, I have worked across various domains like E-commerce, Travel, CRM, Mortgage etc. and had hands-on experience with different automation tools and technologies.

- Designed scripts for front-end automation using different tools like **Selenium**, **Sahi**, **TestNG** for different line of businesses.
- Primarily worked on languages like Core **Java** and had basic hands-on with C# as well.
- Designed functional test scripts on backend APIs using **JMeter** and Java framework.

- Hands-on knowledge with Source code management tools like **Git** and build integration tools like **Jenkins**.
- Hands-on with Database testing which includes writing **SQL** queries for data validation in DB (Postgres and SQL Server) for different environments.
- Holds good experience in developing automation **POCs** in CRM and travel domains and introducing new technology and tools for improving test automation coverage and quality of product.
- Designed, maintained and reviewed automation scripts in **BDD** format using **Cucumber** framework.
- Proficient in writing and maintaining test scripts and test cases based on functional and business requirements.
- Performed functional/regression testing on Salesforce CRM web and app on Android and iPad devices.
- Defect tracking and bug verifications using Jira and knowledge management in Confluence.
- Collaborate and Co-ordinate amongst multiple teams effectively across different time zones and geographic locations.

Education Details

Professional Masters (M.Tech.) in Software Systems - BITS, Pilani – 2017

Specialization – Data Analytics

Bachelor of Engineering (B.E) in Information Science – Visvesvaraya Technological University, India - 2011.

Declaration

I hereby declare that the information furnished above is true and correct to the best of my knowledge.

Rajlakshmi Sarma