Sudatta Ray

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Professional Summary

- Over 10 years of experience in Automation testing on both web & API along with CICD, GIT, Jenkins, SQL.
- Define and implement test automation strategy including road-map, tools, framework & approach, following SDLC/STLC life cycle and managing release Management.
- Having expertise in automating Web based application, standalone applications and DB validation.
- Experience in hybrid test automation framework development with testNG.
- Expertise in Micro-service, Integration & API testing with Postman, Micro-service Testing with Postman, SoapUI and Rest Assured.
- Familiar with API status codes, API documentation with Swagger, documentation tags and templates, well versed with JSON request and response with response model. Expertise in designing POJO class for POST request and Response body.
- Oversee the overall QA life cycle, from test planning, to implementation, execution, results reporting, test metrics and Automation ROI.
- Worked on preparing estimations, test folder structure for projects, and maintains daily and weekly status report with pivot graph test metrics report for QMS and preparing RTM for test cases. Worked on setting up test automation practices to promote "shift left" testing disciplines and practices.
- Expertise in writing SQL Query for the ETL Testing.
- Solid understanding of the SDLC and Agile software development methodology.
- Worked on Mobile testing for Android, iOS, Emulators.
- Expertise in interacting and liaising with client.
- Expertise in team Ramp-up on technical skills.

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Technical Skills

Testing:	Selenium, Postman, Rest Assured, SoapUI, Appium, Jira, HP ALM, TestNG, Auto It, Sikuli
Build Tool:	Maven
Databases:	Oracle, SQL Server
Languages:	Java, Shell Scripting
SDLC:	Agile, Waterfall
Version Control:	GIT, Bitbucket
CI/CD:	Jenkins
Others:	Migration Testing, Mobile Testing, Cross-Browser Testing, API Testing

Project Details:

Hyland Software (August 2021 – Present)

- Contributed in Design of frameworks for Rest API (Rest Assured), Mobile (Appium) and UI automation (Selenium).
- Prepared CICD pipeline with Jenkins to automate the process of deployment and testing.
- Crafted specific test scenarios to focus on finding issues as early in the testing process as possible, leading to an overall decrease of issue-related delays by 45%.
- Performed automated regression tests for 10+ company products, which helped to decrease the error rate by 12%.
- Work with client for feature designing and providing inputs on Release Management.
- Provided support in the Performance Testing using JMeter task includes developing test plan, test scripts and reports.
- Tracked quality assurance metrics like defect densities and open defect counts.

Accenture Technologies Solutions (February 2020 – August 2021)

- Defined and implemented test automation strategy including roadmap, tools, framework & approach, following SDLC/STLC lifecycle and managing release management.
- Usage of latest technology in framework like Dependency Management with Maven, TestNG Framework, creating TestNG suite xml and source code management with GIT, making auto trigger of HTML report using Extent Reporting and auto triggered mail post execution.
- Performed API testing using Postman to ensure seamless data exchange.

Cognizant Technologies Solutions (November 2016 – February 2020)

- Ran over 50,000 regression tests by constructing a Selenium Framework which identified 45 minor and 19 major defects early on. Regularly communicated with the client and business analyst to gather and analyze requirements.
- Experienced in Restful web service testing using Rest Assured Framework Java, validated JSON formatted data, different http status codes.
- Participate in sprint planning and review meetings to ensure test planning is aligned with the team's development goals. Participated in test ROI, Test estimation & test Metrics.
- Writing the automation script as per the requirements and test data provided. Plan and estimate the automation testing work (for medium complexity assignment). Responsible for automation delivery and execution along with Code Review, Framework enhancement & Test Data Management.

Inventurus Knowledge Solutions (May 2016 – November 2016)

- Successfully designing and executing test plans and test cases for ETL processes.
- Identifying and resolving critical issues in data transformation and loading.

HCL Technologies Ltd (July 2014 – March 2016)

- Conducted end-to-end testing, including front-end and back-end data validation.
- Made all necessary adjustments on the Framework level.
- Performed self and Peer review of Test Cases, Test Execution Results and Defects.
- Conducted REST API testing using tools such as Swagger, Postman
- Participated in Agile ceremonies to review requirements and align testing activities with sprint goals

Awards

- Certificate of Service Excellence from client at Cognizant Technology Solutions.
- Starlight award at Hyland Software.
- Hylight award at Hyland Software - twice.
- Spotlight award at Hyland Software.

Academics

Master of Computer Applications (MCA) from West Bengal University of Technology (Currently MAKAUT) (2011-14). CGPA: 8.54