Jayasri Sridhar

SDET

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Profile:

Experienced software engineer with 3+ years of experience in automation and manual testing, with proven ability to design and implement automated test frameworks using Java Selenium for TestNG, Cucumber frameworks and Python with Robot Frameworks, and other relevant tools along with a strong understanding of SDLC and Agile methodologies.

Professional Experience:

Software Development Engineer in Test- *Domain - Financial Sector:* **3.3 years**

Accenture, India   **04 Feb 2021-current**

Responsible for testing a regional bank's new and old internet banking portal along with their employee portal via Automation and Manual validations in both functional and non-function aspects, involved in validating multiple LOBs for functionalities like account management, transactions, statements, payments, fund transfers etc.

Key Achievements:

- Increased test coverage by 60% and reduced manual testing time by 40% through efficient automation, leading to a 10% cost reduction (Metrics provided by Accenture).
- Achieved a 100% automation penetration rate in one team, boosting team productivity by 35%.
- Sustained client by implementing an innovation project focusing on accessibility testing.
- Identified and logged over 500 defects, resulting in a 35% defect reduction rate in the production environment.

Responsibilities:

- Designed and implemented automated test frameworks using Java (Selenium WebDriver with TestNG & Cucumber) and Python (Robot Framework), implementing OOP concepts for multiple processes of automation like, in sprint automation, regression, e2e automation etc for both UI and API.
- Crafted over 3000+ test cases across functional, exploratory, sanity, ad hoc, end-to-end, smoke, regression, user acceptance testing, and other testing methodologies involved in QA processes. Created test plans for application enhancements and bug fixes while defining and implementing test strategies resulting in a 20% reduction in bug detection time.
- Executed a comprehensive test suite encompassing functional, exploratory, regression, user acceptance, and other methodologies.
- Collaborated with stakeholders to analyze requirements and define test strategies, achieving a 95% success rate in meeting project objectives.
- Managed test activities on Jira X-ray, ensuring traceability and providing testing metrics.
- Utilized expertise in Agile methodologies, attending all ceremonies for meeting the project objectives.
- Maintaining test automation code within Jenkins pipelines to implement continuous integration (CI).
- Performed microservice-level testing using Docker and validations across various environments (local, dev, sprint, regression, production).
- Have utilized AWS, majorly fleet manager, and cloud watch for DB validations via MySQL employing SQL queries for data retrieval, update, inserts and deletes.
- Conducted REST API and Wire mock testing using Postman, ensuring robust integration.
- Contributed to test closure and project reports, emphasizing SLA adherence.
- Mentored junior colleagues, fostering a 15% increase in their testing efficiency.
- Efficient learner who collaborated with engineers across teams to find effective solutions to problems ensuring effective communication.
- Pioneered novel ideas and innovative problem-solving techniques to deliver high-quality work within specified deadlines.

Key Skills:

Programming languages: Python, Java.

SCM: GIT & Bitbucket.

Database Management Tools: MySQL.

Frameworks: TestNG-Data driven development using selenium, Cucumber-Behaviour driven development using selenium, Robot Framework for Keyword Driven Development.

Test management tools: JIRA Xray, Confluence, ALM.

Types of Tests: Functional, End-to-End, Smoke, Exploratory, Regression, Sanity, Ad Hoc, Parity, API, UAT, Accessibility testing and SIT.

Education:

Bachelors in Electronics and Communication engineering - SEC affiliated to Anna University   2016-2020

Awards:

- Recognised by Accenture for achievements in client value creation and continuous delivery.
- Awarded resources to work on independent passion projects as part of Accenture's Innovation Program.

Certifications:

- Certified Automation Full Stack Engineer- Accenture Certified
- API Testing with postman- Infosys Springboard Certified
- IELTS Professional - Band 7.5