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Profile:

Experienced software engineer with 3+ years of experience in automation and manual testing, specializing in building and executing test cases to ensure high-quality software. Proven ability to design and implement automated test frameworks using Java Selenium for TestNG, Cucumber frameworks and Python libraries with Robot Frameworks, and other relevant tools along with a strong understanding of SDLC and Agile methodologies.

Professional Experience:

Total experience: 3.2 years
Software Development Engineer in Test – *Domain- Financial Sector*
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.

- Actively participated and executed over 3000+ test cases across functional, exploratory, sanity, end-to-end, smoke, regression, user acceptance testing, and other testing methodologies.
- Assisted in creating test plans for application enhancements and bug fixes while defining and implementing test strategies resulting in a 20% reduction in bug detection time.
- Self-driven person who works independently to design manual and automation scripts and execution activities with minimal to no supervision based on product features.
- Proficient in writing test cases, creating test plan, test strategies and perfect execution of tests, whilst managing the testing activities on the Jira X-ray test management tool along with tracing and providing testing metrics via the same.
- Collaborated with stakeholders to analyse requirements, whilst mitigating and escalating issues to the Test Lead or Test Manager as appropriate, leading to a 95% success rate in meeting project objectives.
- Executed manual and automated test packs and provided consolidated feedback and demos to stakeholders on a regular basis.
- Expertise in Defect management process via identifying and lodging over 500 defects by abiding to the SDLC, achieving a defect reduction rate of 35% in the production environment.
- Developed and maintained automated tests using Java Selenium- Cucumber, TestNG Frameworks, and Python Robot Framework, implementing OOP concepts for multiple processes of automation like, in sprint automation, accessibility automation, regression, sanity automation etc., whilst providing support to UAT testing activities.
- Expertise in Agile processes, methodologies with experience of working in an Agile team whilst attending all the ceremonies for the same.
- Experience in DevOps tools such as Jenkins and Docker and process for test execution.
- Have performed microservice level testing utilizing Docker before moving the code to the dev environment.
- Possess experience in validations at local, dev, sprint, regression, and production environments.
- Have utilized AWS, majorly fleet manager, and cloud watch for DB validations via MySQL employing SQL queries.
- Proficient in extensive REST API testing utilising Postman.
- Developed and implemented automation tests that increased test coverage by 60%, reducing manual testing time by 40% impacting directly on the reduction of cost by 10%.
- Played an integral role in preparing Test phase closure reports and project-level metrics reports like Test Summary Report and The Test Closure Report emphasising the SLA Metrics.
- Attained a 100% automation penetration in one of the teams worked with increasing the productivity of the team by 35%
- Adept at crafting and upkeeping test data with Mainframe and documentation of the same through Confluence.
- Facilitated skill development among 5 junior colleagues, leading to a 15% increase in their individual testing efficiency.
- Pioneered novel ideas and innovative problem-solving techniques to deliver high-quality work within specified deadlines.
- Collaborated with engineers across teams to find solutions and ensure effective communication.

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, python 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, User Acceptance, Responsive Accessibility testing and System integration testing.

Education:

Bachelors in Electronics and Communication engineering (SEC India)   2016-2020

Achievements:

- 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