SALMANKHAN CHAUHAN

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PROFESSIONAL EXPERIENCE

Cygnet Infotech – *QA Lead | Manager Robotic Process Automation | SDET;* Ahmedabad, India   *Sept 2019 – June-2023*

- Developed a highly efficient test automation framework from the ground up, leading to a substantial 40% improvement in the speed and productivity of testing cycles. Adeptly utilized Java, RestAssured, TestNG, and Selenium to develop the framework.
- Collaborated with the Application Development team to optimize deployment processes, resulting in a significant improvement of software quality and a 30% acceleration of delivery time using smoke, system, regression, and end-to-end tests for an RPA product.
- Onboarded new QA team members, provided functional training of the product and enabled them to learn and contribute to automated testing.
- Managed a team of 10+ Test Engineers, consistently upholding and exceeding quality engineering standards to deliver successful product releases.
- Executed a large volume of test cases and reported defects, managed the defect tracking process, and effectively troubleshoot issues for product engineering and maintained a thorough and up-to-date defect report.
- Led the development of the BOT Store, a comprehensive marketplace offering over 125 ready-to-use BOTS for web scraping, data manipulation, data migration, financial reporting, and complex business scenarios.
- Gathered requirements, built and delivered over 100 RPA BOTS using AutomationwhiZ and Automation Anywhere. Achieved a substantial reduction of 10,000 man-hours per month for various clients through the effective deployment of these RPA BOTS.
- Spearheaded a team of RPA developers to develop BOTs, resulting in a significant growth of the product's client base from zero in 2019 to over 50 clients in 2022 across diverse sectors, including FMCG, Banking, IT, Pharma, Finance, Healthcare, and Human Resources.

S&P Global – *Quality Engineer III;* Ahmedabad, India   *June 2019 – Sept 2019*

- Participated in daily scrum meetings and Agile sprint activities, effectively delegated tasks to ensure timely completion of sprint deadlines.
- Engineered automation tests for new feature releases, significantly reducing manual execution time by 50% through the use of cutting-edge tools such as Postman, Cucumber, BDD, Selenium, Pytest, and Python.
- Authored test cases, executed them, and regularly reviewed both manual and automated test cases for continuous improvement.

Automation Anywhere – *SR. QA II ;* Vadodara, India   *May 2018 – June 2019*

- Played a pivotal role in the Automation Center of Excellence, effectively reengineering and enhancing the Test Automation Framework for a Windows-based application using C#, Python, Robot Framework, and Allure.
- Implemented a parallel execution feature across multiple operating systems through infrastructure automation on AWS, resulting in a significant reduction of 70% in the regression test execution cycle with DevOps.
- Migrated 500 tests to a new framework, reducing automation efforts by 20% through efficient planning and minimal rework.
- Delivered technical mentorship to a team of 15+ test engineers, imparting best practices for coding, version control, and debugging methods. Conducted thorough reviews of pull requests on GIT, leading to a 25% improvement in code quality and a seamless integration into the master branch.
- Defined automated test strategies, effectively reducing manual testing efforts for future product feature releases. This resulted in a 22% acceleration of the testing cycles, providing a more efficient and streamlined approach.
- Enhanced automated tests reliability by daily monitoring on an AI platform for failures and bugs, resulting in a 20% increase in pass rate ensuring accurate results.

Panamax Infotech – *QA Engineer (Automation);* Ahmedabad, India   *Nov 2016 – May 2018*

- Established an organization-wide Center of Excellence for Automation and designed a comprehensive automation framework from scratch for the Remittance and Reseller Module, resulting in a 60% reduction in regression efforts

across key verticals. Utilized expertise in Java, Selenium, TestNG, Appium, and CI (Jenkins) to drive innovation and improve overall efficiency.
- Elevated the reliability and efficiency of the Payment module through Load & Performance testing of REST APIs, utilizing Beanshell Samplers in JMeter to optimize encrypted requests and achieve a target of 300 Transactions per second.
- Reduced post-production bugs by 20% and cut defect resolution time by 50% through monitoring of product launches and utilizing automation resources, logs, database and reports. Achieved cost savings of $40K through this effort.

Novanet Limited – *Quality Engineer (SDET); Mumbai*, India   *June 2015 – Oct 2016*
- Optimized end-to-end test management in Agile environment as an individual contributor, reducing manual regression efforts by 50% for UI and SIP call packet verification using Appium, Selenium, TestNG, Jenkins, and Java.
- Implemented a testing service to monitor call quality and server health, broadcasting status updates to stakeholders via Slack and email at 15-minute intervals. Utilizing SipP, Java, PESQ Google, and Bash Script which ensured service availability and enhanced user experience.
- Conducted functional and performance testing on API and VoIP servers using JMeter and SipP, achieving the target of 5000 calls per minute and 1000 new user interactions every minute. This rigorous testing regime ensured the stability and reliability of the systems, detecting potential failures under high-traffic conditions.
- Authored over 150 comprehensive test cases to achieve exhaustive coverage of a mobile application, resulting in a 50% improvement in effectiveness.

KiwiQA Services Pvt. Ltd. – *Jr. Test Automation Architecture Engineer;* Ahmedabad, India   **Feb** *2014 – June 2015*
- Wrote and executed test cases to validate the functionality and usability of Web and Mobile applications, following industry-standard Test design, SDLC and STLC methodology.
- Implemented, and maintained over 400 automated tests in regression and smoke testing suites using Selenium webdriver, Java, TestNG, and Javascript. This effort resulted in a 70% improvement in UI/UX testing coverage and ensured consistent and efficient testing processes.
- Prioritized QA tasks, test scenarios, test cases, and identified features for automation, reducing manual testing efforts for future releases and accelerating test cycles by 22%.
- Performed black box, gray box, exploratory, acceptance, regression, integration, and other types of testing when required.

Tools/Technologies/SKILLS/INTERESTS

- Python, Core Java, Appium, Selenium WebDriver, TestNg, API Automation, RestAssured, Performance Testing, GIT, SVN, Maven, Javascript, Database, Automation anywhere, AutomationwhiZ, C#, Android-uiautomator, IOS-instruments, Jenkins, Beanshell, JMeter, pCloudy, Saucelabs, BrowserStack, SQL, HTML, CSS
- (5+ Years): Proficient with JIRA, Test Management and Defect Management tools, TestLink, Microsoft Office: Excel, PowerPoint
- Certified ISTQB Tester and Scrum Fundamental Certified for Agile.
- Certified Automation anywhere advanced Bot Professional (V11 and A360)

Awards/MISCELLANEOUS

- Cygnet Infotech: Received Spot Award from CEO Twice and Accolades Award from cross functional team.
- Automation Anywhere: Contributor of Test Automation Championship
- Panamax Infotech: Received Best Performer of QA Team Award.
- University Rank 1 – Secured a gold medal from State Governor for academic excellence.
- Languages: English - Advanced (CEFR Level: C1) and Hindi - Native.

EDUCATION

North Gujarat University – Gujarat, IN   *June 2011 – May 2014*
   Department of Computer Science – *Master of Computer Applications*