MOUNICAANUGU

QUALITYASSURANCEENGINEER

Varun.kothval@interaslabs.com|+1(614)-992-8709|NORTHWALES,PA|[LINKEDIN](https://www.linkedin.com/in/mounicaanugu/)

Experienced QA Automation Engineer with a focus on delivering results, boasting 13 years of expertise. Demonstrated proficiency in implementing advanced QA techniques and crafting adaptable Automation frameworks utilizing tools such as Selenium, Cypress, Playwright, CYARA, Ranorex, and Appium, thus minimizing manual testing requirements. Skilledinguidingandnurturingteams tolowersoftware defectoccurrencesandenhanceoverall productivity.Utilize extensive knowledge to consistently deliver top-notch software promptly and accurately.

SUMMARY

KEY SKILLS

* Quality Assurance
* TestAutomation
* WebApplications
* ContactCenter/IVR Application
* Voice/ChatApplications
* DesktopApplications
* Mobile Applications
* ServiceNowApplication
* APITesting
* DatabaseTesting
* TestDrivenDevelopment
* BehaviorDrivenDevelopment
* Business Analysis
* TeamLeadership
* Mentoring/COE
* ProgramManagement
* ProductManagement
* Incident/ReleaseManagement
* StakeholderManagement
* BusinessProcessManagement (BPM) – Appian, PACE, PEGA
* Salesforce/SiebelCRM
* Mainframes–TSYS/OMNI
* CICD-Jenkins/GoCD
* AWSCloud Apps
* AzureDevops
* GenesysCloud
* AgilesoftwareDevelopment
* SoftwareDevelopment
* PairProgramming
* WebDevelopment

EDUCATION

MasterofScience(2010) Electrical Engineering

Lamar University, TX, USA BachelorofTechnology(2008) Electronics&Communications JNTU, Hyderabad, India

* Led a team of 10+ automation engineers and QA professionals in developing and implementing automation testing strategies and frameworks.
* Experienced in leading Onsite and offshore resources, managing the task assignment and hand over process.
* Extensively worked on Automation tools such as Selenium, Ranorex, CYARA, Cypress and Playwright.
* Integrated automated testing into CI/CD pipelines, streamlining the software delivery process and ensuring rapid and reliable deployment.
* Collaborated with cross-functional teams to define test plans, scenarios,andacceptancecriteria,ensuringcomprehensivetest coverage.
* Evaluated and recommended automation testing tools and technologies to improve efficiency and effectiveness of testing processes.
* Established quality assurance standards, metrics, and processes, ensuring compliance with industry best practices and regulatory requirements.
* Providedtraining, mentorship,and guidance to automation engineers and QA team members, fostering a culture of continuous learning and innovation.

TECHNICALSKILLS

* QA Tools – Selenium WebDriver, Ranorex, Cypress, Playwright, CYARA, Appium. TestNG, Jasmine, Mocha, ATF, Chai Assertions, Cucumber, Specflow.Postman, Soap UI, Kafka, karate, Kibana, New Relic.
* ProgramManagement–Agile,SafeAgile,JIRA,QCALM,AzureDevops
* CI/CD– Jenkins/GOCD
* CloudExperience–AWSServices(Cloudcomputing/S3/DynamoDB/Cloud Formation / CloudWatch / Athena, RedShift, AWS Lamda), Azure, GCP.
* Database-mySQL,MongoDB,Oracle,TOAD,SqlDeveloper,RDBMS
* Programming skills: Java, .net, OOPS, Python, C#, Maven, Typescript, Java script,HTML,CSS,DOM,Angular,MSTest,nUnit,xUnit,Xcode,Swift,Intellij, Visual studio, Visual studio Code
* External tools – Appian, Salesforce, Service Now, PACE, Pega, IBM BPM , TSYS, OMNI

PROFESSIONALEXPERIENCE

ISACA

*Remote*

*Senior Software QAEngineer* *2024 – Current*

Manage and lead a Software Engineer Team responsible for overseeing the quality of ISACA’s products and services, ensuring they meet high standards and fulfill the needs of the organization’s members and stakeholders. Responsible for improving processes, collaborating with internal teams, and maintaining a strong focus on customer satisfaction and compliance.

* FacilitatedTestPlanmeetings,whereIcollaboratedwithboththeTechnicalandBusinessteams to review the strategy and scope. ·
* Develop and manage QA processes, ensuring that the team follows best practices and maintains high standards of quality.
* Create and implement comprehensive QA strategies for ISACA’s offerings, including certification programs, training courses, and resources.
* Design and oversee the execution of test plans, including functional, performance, and user acceptance testing.
* Collaborate with internal stakeholders, including product development teams, content creators, and management, to ensure alignment on quality goals and expectations.
* Provide regular updates and reports on the status of QA activities, issues, and improvements.
* Designed Cypress and Playwright Test Automation framework using Typescript to Automate the Front End and Back End Applications in Salesforce.
* Gain deep knowledge of the Salesforce platform, including standard and custom objects, workflows, process builders, and Apex code
* Stay updated with Salesforce releases, new features, and best practices to ensure effective testing and utilization of platform capabilities.

BARCLAYCARD

*Whippany,NJ*

*Senior Software QAEngineer* *2014 – 2024*

Manage and lead a Software Engineer Team overseeing the implementation of Test Automation frameworks and Test script creation and Overall Testing process for the Cards and Payments Applications. Coordinate resource allocations between onsite and offshore resources, create work assignments for team, maintain timelines / milestones, and ensure compliance with quality standards.

* FacilitatedTestPlanmeetings,whereIcollaboratedwithboththeTechnicalandBusinessteams to review the strategy and scope. ·
* Created documentation outlining QA testing policies and risk mitigation strategies, aiming to establish standardization and enhance effectiveness.
* Collaboratedwith cross-functional teams, includingdevelopment, product management,and customer support, to drive product quality initiatives.
* ExtensivelyworkedonmigrationofIn-houseIVRApplicationtoAWSCloudleadingtosignificantly improved performance in Contact Center Applications.
* Conductedperformancetestingtoevaluatesystemresponsiveness,scalability,andreliability under different load conditions using CYARA Cruncher.
* Engaged in backend testing of APIs and microservices using tools such as Postman and SOAP UI.Additionally,developedtestautomationscriptsutilizingCypress/PlaywrightandJavaScript.
* ConductedAPItestingusingPostmantoverifythefunctionality,reliability,andperformanceof RESTful APIs.
* Designed and executed API test cases to validate API endpoints, request and response payloads, and error handling mechanisms.
* CreatedandenhancedtheSeleniumTestautomationframeworkinJAVAandPythonscripting usingWebDriver,PageObjectModel,Maven,TestNGandCucumberenablingittobereusable across the team.
* ExperiencedindevelopingendtoendAutomationtestingindifferentplatformsusingPython, Pytest and Selenium Library.
* Designed and implemented a scalable test automation framework using Page Object Model (POM) using Selenium and Python using Pycharm IDE resultedin improved test maintenance and reusability.
* Designed Cypress BDD Test Automation framework in Java script/Typescript using Node.js/NPM to Automate the Front End and Back End Applications. Integrated the same in Jenkins within the Build pipelines.
* InvolvedinthePOCforPlaywrightforAngularJSApplicationswithBDDcucumberframework and demonstrated the advantages of Playwright over Cypress/Selenium.
* Migrated all the Regression scripts from Selenium to Cypress/Playwright in Java script/Typescript which improved the Performance of the Test Automation scripts, reduced synchronization issues in identifying the Web Elements via Automation.
* DesignedandcreatedTestAutomationscriptsinRanorexusingC#forthecontactcenter application bases in .Net resulted in Faster Regression runs.
* Developeduserdefinedfunctions usingC#and.NetusingRanorex inC#andintegratedthem with Jenkins for Daily and Weekly runs.
* WorkedwithcontinuousintegrationtoolssuchasJenkinsBuildServer,andsourcecontroltools such as GIT to manage different versions of the source code.
* Worked in DevOps, installing, configuring, and integrating Automation scripts on Continuous Integration tool (CI/CD) Jenkins for nightly test suite execution.
* Considered expert in using Behavior-Driven Development (BDD/TDD) by writing Gherkin language using cucumber tool; developed Scenarios, Scenario outlines, features, and Step definitions, generating the cucumber reports.
* Designed,executed,andmaintainedcomprehensivetestplansandtestcasesforETL processes, ensuring data completeness, accuracy, and consistency.
* TestednumberofcomplexETLmappingsandreusableTransformationsforDailyDataloads.
* Strong Hands-onexperienceonTS2 (TSYSmainframes) systems, endtoendknowledgeon CreditCardsystems,OnlineApplications,Bankingsystems,CallcenterandVoiceapplications.
* DevelopedSQLqueriestoextractandmanipulatedatafromrelationaldatabasesfortesting purposes, identifying and resolving data anomalies and discrepancies.
* Conductedknowledge-sharingsessionsandprovidedtrainingtonewteammembers,ensuring they are well-equipped. Additionally, ensured timely delivery of all testing artifacts from the QA team.

TIAACREF

*Charlotte,NC*

*QAAutomationEngineer* *2011 – 2014*

Worked onComplexIntegrationTesting betweenApplicationswhich managed the LifeInsurance Policies and banking profiles.

* Worked with business analysts, developers, and product owners, assisting to understand requirements and define Test Scripts.
* Develop TestPlan, TestStrategy&amp; define Testing scope. Effort estimationfor enhancing and building test packs and estimate test execution efforts.
* Conducted intricate Integration Testing between the OMNI Recording Keeping System and Siebel to validate the end-to-end transaction flows across both systems.
* Implemented QA strategies and best practices to ensure consistent quality across OMNI channels, including web, mobile, and brick-and-mortar stores.
* Creation of Automation Project Plan, Test Strategy,Test Data creation strategy, TestMetrics, and Automated Test scripts and created a Regression pack covering all the critical Modules within the application.
* Utilized the Selenium / WebDriver framework with Java creating highly reliable and reusable Regression Test Suite, reducing manual test efforts.
* Collaboratedwithateamof10+softwaredeveloperstodesignTestAutomationframeworks.

INGDIRECT

*Wilmington,DE*

*QAAutomationEngineer* *2010–2011*

WorkedprimarilywithQualityCenter9.2andQuickTestPro9.2(QTP)automatingtheentire

Regressionsuite.WorkedonSourceControlManagementtoolssuchasAnthillProandSubversion.

* Analyzedbusinessrequirements,functionalspecifications,andmockupsoffinancials, providing functional decomposition.
* Generatedtestscenarios,testcases,andtestdata,executedtests,andcreatedproblem reports, ensuring thoroughness and communicating effectively.
* CreatedAutomatedFunctionalregressiontestscriptsusing QTP,scheduled,organized,and executed the test scripts in QC-QTP integrate environment, and documented all test results. Coordinatedwithdevelopers,businessanalysts,andotherdepartmentsdefectanalysis,

ensuring highcodequality.