NIKUNJ JAMBUCHA

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WORK EXPERIENCE – 5.5 YEAR

Bankai Infotech - QA Automation Engineer | Jan, 2024 – Present

- Designed and developed an enterprise QA automation platform using Java, Maven, Selenium, Appium, and REST API testing**,** with real-time WebSocket execution monitoring**,** Redis-based dynamic data management**,** and microservice-driven database integration**.**
- Integrated the framework with Jenkins CI/CD pipelines to enable parallel execution, scheduled test runs, centralized reporting (Extent Reports), and role-based test management via a custom QA Control Center**.**

Tatvasoft - Software Engineer QA | Jan, 2020 – Dec, 2023

- Automated regression and functional testing, cutting testing time by 40% and increasing defect detection by 25%. Built robust test suites using Selenium and C#, integrated with Azure DevOps for streamlined CI/CD pipelines, enhancing release cycles and product quality.
- Developed and executed comprehensive API testing strategies using Postman. Optimized performance testing by leveraging JMeter to simulate varying loads

PROJECTS

Mobifin – Java | Maven | Selenium | Appium | Rest API | Jenkins | Redis

- Built an enterprise QA automation platform supporting API, Web, and Mobile testing**,** with real-time execution monitoring (WebSocket)**,** parallel execution, and centralized reporting.
- Integrated Jenkins CI/CD**,** Redis-based dynamic data management, and a database microservice architecture to enable scalable, data-driven, end-to-end test automation..

AmeriCash - Selenium | C# | MSTest | SQL

- Developed web automation framework using Selenium, C#, MSTest for loan management systems. Implemented POM, Test Data Driven approach, multi-browser support, and Extent reporting.
- Maintained and expanded frameworks for evolving software requirements

GEICO - Specflow | C# | RestSharp

- Created API automation framework with C#, RestSharp, and SpecFlow. Integrated parallel testing, Extent reporting, and Selenium WebDriver.
- Established connectivity with Azure Cosmos DB for enhanced data-driven testing capabilities. Contributed to increased testing efficiency and team collaboration.

SKILLS

Automation & Testing: Selenium WebDriver, Appium, Playwright, REST API Testing, Web Automation, Mobile Automation, Data-Driven & Hybrid Frameworks

Frameworks & BDD: TestNG, JUnit, MSTest, NUnit, Cucumber, SpecFlow, BDD

Programming & Scripting: Java, C#, JavaScript, SQL, Python (Basic)

CI/CD & DevOps: Jenkins, Maven, Git, Linux, CI/CD Pipelines

Reporting & Monitoring: Extent Reports, TestNG Reports, Real-Time Execution Monitoring

Data & Tools: Redis, Postman, JMeter, SQLite, MySQL, Oracle, Jira, Azure DevOps, Eclipse, IntelliJ, Visual Studio

EDUCATION
B.Tech in Electronics Engineering, Birla Vishvakarma Mahavidhyalaya   CGPA: 6.86 | Jul, 2020
PCM With Computer science, Shree B.N.Virani School   Cum. Per: 69.69 | Mar, 2016

COURSEWORK
- Enhancing Soft Skills and Personality(NPTEL-IIT Kanpur)
- Employment Communication – A Lab Based Course(NPTEL-IIT Kharagpur)
- Internet Of Things(NPTEL-IIT Kharagpur)

ACHIEVEMENT
- Recipient of the 'Above & Beyond' Award for delivering exceptional impact in QA automation**,** including building scalable automation frameworks and driving measurable improvements in test efficiency and quality.