

ANURAJ SINHA

QA Automation Engineering Professional

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 LinkedIn

Focused professional with over 3 years of experience; targeting strategic assignments in QA Automation Engineering, to leverage proficiency & to deliver impactful solutions & drive mutual growth.

Core Competencies

Functional / Regression Testing

Bug Tracking

Integration / Performance Testing

Smoke/System Testing

Cross-Browser Testing

Quality Assurance

Requirement Gathering

Performance Optimization

Debugging & Troubleshooting

Automation Testing

IT Skills

- **Automation Testing:** Selenium WebDriver, BDD (Cucumber, TestNG, JUnit), Maven

- **Programming Languages:** Java, Python, SQL

- **API Testing:** REST Assured, Postman, SOAP UI

- **CI/CD & DevOps:** Jenkins, Bamboo, Docker, Splunk, Kubernetes

- **Report Generation:** Cucumber Report, ReportNG

- **Test Management Tools:** Jira, Q-Test, Bitbucket, GitHub

- **Debugging Tools:** Splunk & Kubernetes

- **Frameworks & Libraries:** Hybrid Frameworks, Apache POI, POM

- **Database Management:** MySQL, SQL

Projects

- HCM Payments

- Microplan

- MUKTASoft v2.1 & v1.1

- iFIX (Fiscal Information Exchange Platform)

- Mercury (Master Data Management)

Notable Highlights

- Optimized testing efficiency by implementing cutting-edge automation frameworks, reduced manual testing effort by 60%.

- Engineered and automated comprehensive test cases using BDD (Cucumber, Selenium, Java), streamlined workflow & lowered testing time by 50%.

- Designed and deployed a robust end-to-end automation regression suite, elevated software quality & ensured 99% bug-free release rate, reinforced product stability & user confidence.

Profile Summary

- **Expertise in developing and deploying automation scripts,** improving test coverage, and ensuring seamless integration with CI/CD pipelines.
- **Provided technical mentorship to junior testers,** fostered skill development and promoted best practices in test automation at TCS.
- **Skilled in using Postman for API testing, and GitHub** for efficient version control, with experience in Jenkins for seamless CI/CD automation for optimized performance; proficient in coding with Eclipse and IntelliJ, ensuring high-quality software development.
- **Experienced in collaborating with Software Design Teams** to establish and refine verification protocols, ensuring robust software validation and compliance with industry standards.
- **Proficient in identifying software application weaknesses and optimization opportunities,** enhancing system performance, security, and overall reliability.
- **Excels in designing and implementing automated test procedures,** accelerating testing cycles, reducing manual effort, and improving software quality.
- **Competent at analyzing bug reports, identifying critical problem areas,** and providing data-driven insights to enhance debugging efficiency and resolution speed.
- **Capable of designing and installing software databases,** optimizing data management, and ensuring scalability for high-performance applications.
- **Expert in troubleshooting automation software, finalizing system procedures,** and collaborating with cross-functional teams to drive innovation and resolve application faults professionally.

Work Experience

QA Engineer | Egov Foundation | Dec'23 – Feb'25

Key Result Areas:

- Engineered and precisely maintained robust automation frameworks for functional, regression, and API testing, enhanced test precision and reduced manual intervention by utilizing Postman for automation.
- Designed & orchestrated comprehensive test strategies, including test plans, cases, and detailed bug reports, ensured alignment with business requirements and maximized defect detection efficiency.
- Performed the automation of UI and API test cases using Selenium, Java, Postman Collection and Rest Assured, streamlined testing workflow and elevated software reliability.
- Collaborated seamlessly with developers and business analysts within Agile (Scrum) frameworks, fostered a culture of quality and ensured the timely delivery of superior software solutions.
- Executed thorough cross-browser testing across Chrome, Firefox, and Edge, guaranteed flawless compatibility and an optimal user experience across diverse digital platforms.
- Led and facilitated dynamic defect triage meetings, ensured swift identification, prioritization, and resolution of critical software issues and enhanced system stability and performance.

Automation Test Engineer | Tata Consultancy Services | May'21 – May'23

Key Result Areas:

- Spearheaded QA automation efforts for a Master Data Management project using TIBCO EBX for a leading Nordic Bank, enhanced data integrity and operational efficiency.
- Built reusable Page Object Models (POM) to enhance test scalability, & execution proficiency.
- Conducted comprehensive functional, integration, and system testing across multiple applications, ensured seamless interoperability and performance.
- Automated REST API testing using Java & Rest Assured, validated API functionality & boosted test accuracy.
- Configured and executed cross-browser and compatibility testing, ensured optimal performance across multiple environments.
- Integrated automation tests into CI/CD pipelines using Jenkins and Bamboo, enhanced deployment cycles and streamlined continuous delivery workflow.

Education

B.Tech. in Electronics & Tele-communication from Sathyabama University

Certifications

- Certificate of Appreciation for Outstanding performance in TCS-Nordea Relationship in 2022
- Q-test Specialist level-1