Shubham Singh

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SUMMARY

Experienced QA Automation Engineer with 5.5+ years of Experience and a strong background in API testing, UI automation, and E2E testing. Adept at using modern testing frameworks like Cypress, Playwright, Selenium, and API testing tools like Postman. Proven expertise in building and optimizing CI/CD pipelines, working in cloud environments like AWS, and developing automated tests to improve testing efficiency. Skilled in Agile methodologies, performing manual and automated testing to ensure the delivery of high-quality software.

EXPERIENCE

Senior QA Automation Engineer   Sept 2023 – Present

Globallogic(Hitachi)   *Noida, India*

- Built and optimized E2E API and UI automation using Cypress framework, ensuring seamless integration with CI/CD pipelines
- Executed manual tests for required JIRA stories as per acceptance criteria, ensuring stability and reliability, performed Smoke, Sanity and Regression Scenarios for both UI and API Testing.
- Implemented CI/CD pipeline for Cypress, utilizing GitHub CI/CD and Jenkins.
- Worked on API Testing, E2E Testing, and Sanity/Regression Testing.
- Having knowledge of Python programming and used PyTest for automation testing and Playwright for UI automation as well.
- Worked on the application testing and debugging of AWS microservices architecture, proficient with AWS - SQS, EC2, AWS Data Lake, CloudWatch, DynamoDB, and S3 and Debugging with logging tools - including Falcon, Grafana, and AWS CloudWatch.

Senior QA Automation Engineer   July 2021 – Sept 2023

Cloud Analogy   *Noida, India*

- Participated in Agile ceremonies, contributing to daily stand-ups and retrospectives to improve product quality.
- Proficient in test documentation, execution, and QA processes.
- Implemented best practices for Cypress testing, including custom commands, intercepting network requests, and data-driven testing.
- Engage in various Testing techniques including System Testing, Regression Testing and Functional Testing activities to ensure comprehensive test coverage and high-quality software releases.
- Automated functional and UI testing of mobile applications using Appium with Java/Python, improving test coverage and reliability.

IT Security Automation Engineer   Aug 2020 – July 2021

F.I.S.   *Gurugram, India*

- Worked on API Automation and got rewarded for saving around 3 hours per day manual effort for the internal teams.
- Performed manual SQL testing, API Testing - Postman and E2E testing.
- Did a POC for Java Selenium with Rest assured Testing and documented KT process and user workflows on Confluence.
- Proficiently utilized IDEs for development and debugging, ensuring efficient test script creation and maintenance and Managed source code versions using GIT, facilitating seamless collaboration with the development team.
- Have experience in developing Jenkins jobs to execute test cases automatically upon code commits, improving deployment efficiency.
- Designed and implemented API manual testing using Postman, achieving comprehensive test coverage for all API endpoints.

Technical Skills

Languages: JavaScript, Java, Python, SQL
QA Automation: Cypress, Playwright, Tosca, Selenium, Rest Assured, API testing, UI testing, E2E Testing
Developer Tools: Postman, NodeJs, Git, Github Actions CI/CD, Docker, VS Code, IntelliJ
Cloud Service Platforms: AWS, Microsoft Azure, GCP

Education

Dr. A.P.J. Abdul Kalam Technical University   Greater Noida, U.P., India
Bachelor of Technology in Computer Science and Engineering   *2015 – 2019*

W.H. Smith Memorial School   Varanasi, U.P., India
Higher Secondary Certificate, Science with Maths   *2014 – 2015*

W.H. Smith Memorial School   Varanasi, U.P., India
Secondary School Certificate, Science with Maths   *2013 – 2014*