

# Shubham Singh

+91 8700719410 | [shubham.editor@gmail.com](mailto:shubham.editor@gmail.com) | <https://www.linkedin.com/in/adminvns/> | [github.com/adminvns](https://github.com/adminvns)

## EXPERIENCE

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### Senior QA Automation Engineer

Sept 2023 – Present

*Globallogic(Hitachi)*

*Noida, India*

- Built and optimized a Cypress automation 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 micro services 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 Carbon Black Bit9 Report Automation and got rewarded for saving around 3 hours per day manual effort for the internal teams.
- Good knowledge of Cybersecurity and Networking ,DNS, SSL, SSH, IP tools, etc., worked on Kali-Linux, Snyk integration with GitHub
- Implemented automated testing and documentation processes using tech like Python and PowerShell and Confluence for Doc.
- 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 experienced 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

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**Languages:** JavaScript, Java, Python, SQL

**QA Automation:** Cypress, Playwright, Tosca, Selenium, Rest Assured , API testing, UI testing

**Developer Tools:** Postman, NodeJs, Git, Github Actions CI/CD, Docker, VS Code, IntelliJ

**Cloud Service Platforms:** AWS , Microsoft Azure

## EDUCATION

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**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*