

Alekhya Macharla

**SDET /
Automation Test
Engineer**

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London, UK



Notice : Available immediately
Visa: Dependent Worker Visa



Around 5 years of experience as a Software Development Engineer in Test/QA Test Analyst performing manual, automation, performance and security testing of applications in the various environments using different Automation tools.

- Worked for global Clients like Warner Bros, KingFisher, Volvo, Cigna HealthCare, Google Maps etc.
- Experience in various automation tools like Cypress, Postman, Selenium, Cucumber, Karate, Jmeter etc.
- Expertise in designing and developing frameworks and test suites from the scratch for applications like Web, RESTful, Microservices.
- Experience in Agile methodology and Automation within Agile Sprints and contributed to Automation as an SDET.
- Experience in DevOps practices and tools using GitHub, Jenkins, and using Docker Containers for test executions.
- Experience in BDD framework using Cucumber and automated various applications in Cypress/Selenium.
- Experience in Creating Continuous Pipelines with GitHub Actions/Jenkins jobs and deploying tests successfully.
- Test Estimation, Test Planning, Risk Analysis, Team Management, End to End Test delivery.
- Creating Status reports, facilitating meetings, bringing all involved stakeholders on to the same page, consolidating and reporting progress regularly.
- Preparing and sharing the closure reports and getting the signoff from stakeholders on test deliverables.



Automation Tools: Cypress, Postman, Selenium, Cucumber, Karate, Jmeter

Test Frameworks: JUnit, Mocha, TDD, BDD(Cucumber)

Types of Applications: Web, API-based, Micro-service oriented apps.

Languages: Java, JavaScript and TypeScript

Agile Tools: JIRA, Confluence and Azure DevOps

CI Tools: GitHub Actions, Jenkins, and Azure DevOps etc.

IDE Used: Eclipse, Visual Studio code, and IntelliJ

Source Code Control: GIT, and Azure DevOps

Database: MSSQL, SQL and MongoDB

Additional Skills: Node.js, Docker, Maven, HTML, JSON, YAML, and CSS



Experience

[Portfolio](#)

Tata Consultancy Services, UK

December 2021 - July 2022, London, UK

Key Responsibilities:

- Designed and implemented Test Automation strategy and automated test suites for Web based applications using Cypress(JavaScript).
- Converting acceptance criteria into BDD based scenarios and automating scripts using Cypress Cucumber.
- Automating test suites to cover Back-end apps for both API based and MicroService based applications.
- Executing and maintaining Regression suites and pipelines with a number of test cases and enhancing the execution performance.

Capgemini Pvt. Ltd, India

September 2019- June 2021, Bengaluru, India

Key Responsibilities:

- Designed and developed several test automation frameworks for different applications using Selenium(Java) and Cypress.
- Identifying the functional areas which can be automatable and developing scripts for those cases.
- Identifying the regression cases which adds value to the automation and scripting the test cases
- Creating Scheduled jobs and Pipelines in Jenkins and creating build triggers.
- Managing the Source code in GIT and creating the automation suits which can be deployed in DevOps platform
- Experience in Load and performance testing using JMeter.
- Automated approx. 800 tests for functional and regression suites

Arteria Technologies Pvt Ltd, India

July 2018 - September 2019, Bengaluru, India

Intelenet Global Services, India

March 2016 - May 2017, Hyderabad, India



Education

Bachelors of Technology– Electronics & Communication Engineering

July 2011 - May 2015,

Hyderabad, India

JNTU UNIVERSITY



Interests

- Vlogging, Video Editing and Visual graphics
- Outdoor activities and events
- Traveling