

M S Sudha

TEST AUTOMATION ENGINEER



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<https://sudha-world.herokuapp.com/>

Profile

With 2+ years of experience, I am an enthusiastic programmer and a collaborative team player with a keen eye for bugs, the ability to learn new concepts quickly and a reasonably creative mind

Skills

- Average proficiency in **Data Structures and Algorithms** and built Apis using **NodeJs** and **Postgres** as well as express and mongoose
- Designed and built web applications with plain **HTML, CSS** and **Javascript**, as well as with **Angular**, SCSS and deployed them using Heroku, Firebase and Github
- Built an **android** application as part of the final-year project and presented it at an International Conference in Chennai
- Writing articles on **Medium** and stories on **Wattpad**

Education

B.E.(CSE) (Aug 2014 - Apr 2018) - 7.74 CGPA

Dhanalakshmi College of Engineering, Chennai

- Been a member of Rotaract and Inspire club and helped conduct events for the same
- Workshops: IoT (Microsoft), Embedded Linux, Python (Infosys), Programming in Java

(Apr 2002 - Apr 2014)

Kendriya Vidyalaya Minambakkam, Chennai

- 9.4 CGPA in 10th & 82% in 12th
- Participated in school-level Science and Green Olympiads, Inter-school & Regional Social Science Exhibitions

References

Gokul - Engineering Manager Automation

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Vaishnavi - QA Lead

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Experiences

Fourkites Inc - a supply chain management company

Test Automation Engineer (Oct 2019 - Sep 2020)

- Automated more than 60 test scenarios (5-10 test cases each) in an end-to-end **Pytest** framework (**python**) and contributed to several general utilities
- Responsible for configuring **Jenkins** jobs for daily regression and demo data creation and improving the **regression** results from 70% to 92%
- In an interactive form feature, identified more than 50 defects, achieved close to 100% UI automation parallel to development (**TDD**) leading two other QA resources, gathering requirements and planning

QA Engineer (May 2018 - Sep 2019)

- Improvised a **Protractor** (NodeJs) framework by reducing execution time and optimising code and automated more than 400 test cases including **mail**
- Wrote several generic test methods that other QAEs have been able to use with 0% coding effort
- Experience in developing test scripts in **Postman**, **Beanshell** scripts in **JMeter** (**performance**, load)
- Experience in **databases** - Postgres, MySQL, MongoDB, Neo4j and Spark data framework
- Familiarized with **TestNg**, **Selenium** (Java), Cypress, Git, AWS-S3, SQS, EB, Logentries, Chrome DevTools
- Handled several feature releases as a single QA resource and mentored three interns

QA Intern (Sep 2017 - Apr 2018)

- Developed an **API** Test Automation framework **from scratch** using **Cucumber** and **RSpec** (Ruby) and integrated it with **Testrails** and Google sheets
- Experience in **end-to-end manual** testing with test case and test data preparation, reporting defects and bugs in **Jira**, and cross-browser testing