

SUDHA M S

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Profile

Passionate programmer with 1+ experience in Quality Assurance. Worked independently on API automation project using cucumber and ruby. A collaborative team player with excellent communication, interpersonal skills and ability to learn new concepts and software quickly.

Technical Skills

Frontend - HTML, CSS, Sass, JavaScript

Backend - Ruby, Java, Python, PHP, NodeJs

Tools - Git, Jenkins, Docker

Databases - MySQL, PostgreSQL

Testing - Cucumber, Selenium, Postman, JMeter, Protractor, RSpec

Experience

Sept 2017 - Present

Fourkites, Chennai - *Quality Assurance Engineer*

- Architected and built an **API Automation Framework** using Cucumber in ruby and integrated it with TestRails and Google Sheets
- Contributed extensively to the company-wide Scriptless Automation Framework
- Handled several releases as a single QA resource with on-time deployment
- Recognised in Monthly All Hands around 2-3 times for taking up **ownership**
- **Mentored** 2 interns to test in an agile manner and capturing corner cases
- Scheduled a **Cron** in Jenkins to create data in demo environment with self-interest
- Used Postman for API Testing and wrote basic test scripts for validations
- Improvised Load Testing in JMeter with scripts for dynamic data
- Familiarised with Test Management Tools: Jira, TestRail, Confluence
- Prepared and documented Test plans, test data and test cases and reported several bugs
- Documented the product functionalities for newcomers
- Tested the product like a layman and **provided feedback** on designs
- Worked as an intern with full responsibility for about 7 months during college

Personal Projects

Github: <https://github.com/sudha108>

Application Blocking for Group of Users (Ablo) - *Android Application*

- **Description:** Given a group of users with one admin, the application blocks certain mobile apps blacklisted by the admin to the subordinate users during working hours on excessive usage as configured by the admin.
- **Technology:** PHP, XML, Java, MySQL, Android, Broadcast Receivers, Shared Preferences, Volley Library
- Presented the project at an **International Conference** in Chennai

Testido - API Automated Test Framework

- **Description:** Given Features and scenarios, the framework executes tests based on the automated scripts compares the test steps with regular expressions and performs API validations and exports the results as a JSON file.
- **Technology:** Cucumber, Ruby, RSpec, MySQL, Postgres

Education

Aug 2014 - April 2018

Dhanalakshmi College of Engineering, Chennai - B.E.(CSE) - 7.74 CGPA

- **Class Representative** for 2 years
- Member of Rotaract and Inspire Club and conducted events
- **Workshops** - IoT by Microsoft, Embedded Linux, Python by Infosys
- **Courses** - NPTEL (Introduction to OS), 360 Ripples (Programming in Java)
- Participated in Open House Exhibitions and Symposium
- The first student in the batch to get placed in the entire college

April 2002 - April 2014

Kendriya Vidyalaya Minambakkam, Chennai - 9.4 CGPA in 10th & 82% in 12th

- Participated and ranked among the top 30% at school level in Science and Green Olympiads consequently for 3 years
- Participated in Inter-school Social Science Exhibitions
- Participated in Regional National Children's Science Congress

Personal Information**Languages I know**

English - Speak, Read, Write
 Hindi - Speak, Read, Write
 Tamil - Speak, Read
 Kannada - Speak, Read, Write
 Tulu - Speak

Hobbies

- I love to paint and sketch.
 - I write interesting stories and publish them online in Wattpad
Link: www.wattpad.com/user/MSSudha