

Sreelekshmi G S

QA Engineer

Enthusiastic Engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Motivated to learn, grow and excel in a Software firm.

TECHNICAL SKILLS

- **Testing tools:** Selenium, UiPath, Postman, Jmeter
- **Bug tracking and Project Management:** Jira
- **Programming Languages:** Python, Typescript, JavaScript
- **Frameworks:** Cucumber, Pytest, Jasmine & Karma
- **Technologies/Toolkits:** HTML, CSS, React JS
- **Integrated Development Environment:** Visual Studio Code, PyCharm
- **Database:** MySQL
- **Version Control:** Git

WORK EXPERIENCE

Test Analyst

Allianz Technology, Trivandrum

2022 March – Current

- Develop detailed test cases and test scripts based on requirements, user stories, and design documents.
- Ensure test cases cover both positive and negative scenarios to identify defects.
- Execute test cases manually or through automated testing tools.
- Identify and document defects or issues found during testing.
- Perform regression testing to ensure that new code changes do not introduce new defects or impact existing functionality.

Software Engineer

Travancore Analytics Pvt. Ltd, Trivandrum

2019 July – 2022 February

- Created accurate and efficient test scripts to manage automation testing of certain products and features.
- Collaborated with the QA Team in QA activities.
- Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.

KEY PROJECTS

1. Automation testing of web application using pytest and selenium

It is a data driven application to visualize the traffic related data captured by radars. The data includes average speed, number of vehicles, traffic distribution etc. in a time interval.

Technology used: pytest with Selenium.

Roles and Responsibilities:

- Automation Tester
- Following Page Object Model design pattern for improving test maintainability and for reducing code duplication
- Designing and writing test automation scripts
- Investigating problems in software as a result of testing
- Working with QA analysts and software developers to find solutions.

2. Unit Testing of Angular web application using Karma and Jasmine

The program identifies schools in different localities and selects students who are financially and socially backward in each school and concentrates on polishing their reading, vocabulary, and comprehension skills. The web and mobile applications aid in helping the tutors and the teachers of schools with the lessons and monitoring students for each school. The web application is for the administrators in each school who manages the tutors and students enrolled in the program and the mobile application is for the tutors to guide the students assigned using the program.

Technology used: Jasmine with Karma, Jasmine mocks and Spies.

Roles and Responsibilities:

- Automation Tester
- Identify opportunities for automation within software processes.
- Minimizing test dependency using Jasmine mocks and spies.
- Design and execute QA tests using scripts that automatically test functionality.
- Collaboration with QA team members and software developers to find solutions.

3. Automation testing of web application using Robotic Process Automation

It is an internal web application used for managing employee details and the leave details of the employees in our office.

Tool used: UiPath Studio pro.

Roles and Responsibilities:

- Automation Tester
- Designing and writing test cases and automating it
- Discussion of identified bugs with QA lead

4. Web application for visualization of Resource Utilization

The application was designed to manage the allocation of resources to different projects and to visualise the utilization and billability of the resources. The front end of the application was developed in ReactJS and the backend in Node.js. It is designed with features of listing all the resources and projects, adding allocation of resources to different projects, generating reports to visualize resource allocation etc.

Technology used: React, Node.js, MySQL, Ant Design, Highcharts

Roles and Responsibilities:

- Front-end web developer
- Used Ant design UI Library for developing responsive UI components.
- Collaborated with the team in designing, integrating the software components and testing.

EDUCATION

- B. Tech in Computer Science
TKM College of Engineering, Kollam
2015 Aug – 2019 June
- Higher Secondary
Govt. HSS Chathannoor
2013 June – 2015 May

RECOGNITION AND CERTIFICATIONS

- PRATIBHA Award Winner for best performer of month March 2023 – Allianz Technology
- ISTQB Foundation Level Certificate
- ISTQB Agile Tester Extension
- Postman API Fundamentals Student Expert