

# Madhan Kumar M

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## SUMMARY

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- Seeking a challenging role in Automation Testing, where I can leverage my 1 Year of experience to contribute to the development and implementation of robust test automation frameworks.
- I am a skilled and motivated professional with 1 year of experience in Automation Testing, specializing in Selenium, Java, UiPath, Appium, Python, Jenkins, Api and Jira.
- Selenium, Java, UiPath, Appium, Api and Python are among the key tools and languages that I have mastered to create test automation frameworks.
- My proficiency in Selenium, Java, UiPath, Appium, Api and Python has been instrumental in contributing to the development and implementation of effective testing strategies.

## EXPERIENCE

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**KGiSL Technologies Pvt Ltd**  
**QA Automation Test Engineer**

**Dec 2022 – Present**  
**Coimbatore, India**

- 1. Contribution to Quality Assurance:**
  - Actively contributed to quality assurance and test automation initiatives, resulting in a improvement of overall testing efficiency.
- 2. Selenium Testing Framework Implementation:**
  - Implemented a Selenium testing framework with Java and Cucumber BDD, leading to a 50% reduction in regression testing time across Y number of projects, ensuring a consistent 95% test coverage.
- 3. Continuous Learning and Adoption of Technologies:**
  - Stay updated on the latest industry trends and technologies in automation testing through continuous learning initiatives. Like Python, Playwright, WebDriver IO, Cucumber, Appium, UiPath, etc.
- 4. Streamlined the testing process by proactively identifying and resolving complex issues, resulting in a 40% reduction in test cycle time and ensures on time product delivery.**
- 5. Demonstrated a high level of expertise in scripting languages that extend beyond Selenium, encompassing versatile languages such as Python and Java al so Tools like UiPath and Appium. This proficiency has significantly enriched my automation capabilities, allowing for seamless integration and robust automation solutions.**
- 6. Integrate scripts into CI/CD pipelines to facilitate seamless deployment and validation processes. Proficient in creating comprehensive test reports, documenting test cases, results, and identifying defects throughout the testing lifecycle in Selenium Java.**

## SKILLS

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- Selenium
- Cucumber
- Java
- Python
- TestNG
- Appium
- UiPath
- Jenkins
- Git
- Manual Testing
- Jira
- Api Testing (Basics)
- Postman (Basics)

## EDUCATION

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**Sri Shakthi Institute of Engineering and Technology**

**2022**

Bachelor of Engineering

Coimbatore, India

- Cumulative GPA: 7.82
- Course: Computer Science and Engineering

## PROJECTS

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**Virtual Mouse Using** / [GitHub Link](#)

**2022**

- AI, ML, Python.

**Ecommerce Web Application Testing (Automation)**

**2023**

- Selenium, Java, Cucumber, TestNG.

## CURRENT WORKING PROJECT

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- Currently serving as an QA Test Automation Engineer at KGISL Technologies Private Limited, actively contributing to the Life Insurance project.
- In this role, I am responsible for designing and executing automation test scenarios, ensures the robustness and reliability of the Life Insurance project Using Selenium, Java, Cucumber and UiPath.
- I collaborate closely with cross-functional teams, utilizing my expertise in test automation tools like Selenium, Java, Cucumber, UiPath and methodologies to enhance the overall quality assurance process.
- My contributions involve not only the creation of test scripts but also the ongoing optimization of testing Selenium, Java, Cucumber frameworks to maximize efficiency and effectiveness in ensuring the project's success
- Through my role, I also contribute to knowledge sharing and training initiatives within the team, fostering a collaborative and informed testing environment.
- Actively participate in the enhancement of the automation framework, incorporating best practices and optimizing scripts for maintainability and scalability.

## CERTIFICATIONS

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- Published Paper of "Gesture Virtual Mouse Using AI "in GIS Science Journal in April 2022.
- Selenium + Cucumber & TestNG Frameworks (Udemy Certifications).
- Cucumber BDD with Java -Masterclass Selenium Framework (Udemy Certifications).
- POSTMAN API Testing (Udemy Certifications).
- ISTQB Foundation Level 2023 Complete Training (Udemy Certifications).