Contact

+91 8553333850 (Mobile)
srinivas.madnal@gmail.com

www.linkedin.com/in/srinivas-
madnal-a670aa97 (LinkedIn)
srinivasmadnal.netlify.app/
(Portfolio)

Top Skills

Cucumber
Playwright
Information Technology

Srinivas Madnal

Helping Businesses Accelerate Software Releases | Gen AI Expert
Using LLMs with MCP Servers to Boost Test Automation Scripting |
Building Agentic Tools for Modern Testing Practices
Bengaluru, Karnataka, India

Summary

If you're someone looking to accelerate your QA process, reduce
bugs, and ship faster — I help you achieve that using GenAI, LLMs,
and scalable test automation strategies.

Dedicated and results-oriented Quality Assurance Engineer with
4+ years of hands-on experience ensuring the highest standards of
software quality across diverse platforms. I help businesses release
bug-free software to production at high speed by leveraging Gen AI,
LLMs, and MCP servers like Playwright for advanced test automation
scripting.

Highlights of My Expertise:

Gen AI + LLM-Powered Test Automation Agents

1) Build agentic tools using LLMs that autonomously generate test
cases from product documentation, API schemas, and UI flows.

2) Use MCP servers (e.g., Playwright) to generate scalable and
maintainable automation scripts for both UI and API testing.

3) Integrate these agents with your application data, enabling test
case generation, automation script conversion, and automated CI/
CD execution.

Agent-Based Test Execution and Reporting

1) Develop custom agents to run tests, track test runs, and report
build success/failure in real time.

2) Generate actionable insights from test results using integrated
dashboards and automated alerts.

Framework Design & Automation Strategy

1) Designed and maintained full-stack automation frameworks for web, mobile, and API testing using Cypress, WebdriverIO, Appium, and Mocha/Cucumber.

2) Seamless integration with tools like Azure DevOps, GitHub Actions, BrowserStack, and AWS Device Farm.

Tooling & Tech Stack

1) UI Automation: Playwright (MCP), Cypress, Selenium, WebdriverIO

2) API Automation: SuperTest, Postman, RestAssured

3) Mobile Automation: Appium, BrowserStack Real Devices

4) AI/Low-Code Tools: TESTIM

5) CI/CD: Azure DevOps, Jenkins

6) Version Control: GitHub, GitLab

7) Collaboration & Management: Jira, Confluence

Mindset & Methodologies
Agile practitioner with experience in Waterfall and V-Model methodologies. A proactive team player and lifelong learner, passionate about delivering quality through smart automation and modern DevOps practices.

Let's connect if you're looking for:
→ A QA Test Automation Expert to accelerate test scripting
→ Help in setting up the QA automation process for your application
→ Collaboration with all stakeholders to deliver high-quality releases to production with test automation integrated in CI/CD

Contact Me:
Email – srinivas.madnal@gmail.com
GitHub – https://github.com/siri100

Experience

EPAM Systems
Software Test Automation Engineer
April 2025 - Present (5 months)
Bengaluru, Karnataka, India

As a Software Test Automation Engineer at EPAM Systems, I specialize in building scalable and maintainable automation frameworks for web, mobile, and API testing using cutting-edge tools and technologies.

Web & Mobile Automation: Developing end-to-end test automation solutions using WebdriverIO, Playwright, Cypress, Selenium, and Appium (real devices). Framework Design: Creating robust, modular, and reusable frameworks with JavaScript/TypeScript, following industry best practices and BDD/TDD approaches using Cucumber and Mocha. API Testing: Automating backend validation using tools like SuperTest and Axios, ensuring API reliability and performance. CI/CD Integration: Seamlessly integrating automation suites with CI/CD pipelines on Jenkins, Azure DevOps, and AWS for continuous testing and fast feedback cycles. Tooling & Practices: Emphasizing code quality, smart automation strategies, and AI-driven testing where applicable, to enhance overall software quality and release confidence.

Marsh McLennan Global Services India Private Limited (MMGS)
Senior Engineer - IT Quality & Assurance Testing
May 2023 - April 2025 (2 years)
Mumbai, Maharashtra, India

Amiti Software Technologies Pvt. Ltd.
QA Engineer
February 2020 - May 2023 (3 years 4 months)
Bangalore Urban, Karnataka, India

Professional Quality Assurance engineer with 3 years of experience in software quality process, Involved in end-to-end product testing and

management across multiple platforms. I have experience in Manual Testing,Web Automation , Mobile App Automation, API Automation.

Education

PES University
Bachelor of Technology - BTech, Mechanical Engineering · (May 2014 - May 2018)

Kendriya Vidyalaya
High School Diploma, High School/Secondary Diplomas and Certificates · (May 2002 - May 2012)