AADARSH SINGH MERTIA

🔗 LinkedIn | 📱+91 8290415370 | ✉ aadarshsingh76@gmail.com | 🐙 GitHub

Professional Summary

Experienced software automation engineer, proficient in designing and implementing automated test framework. Specialized In Spring microservices, adept at ensuring the reliability and scalability of distributed systems. Skilled In Identifying and resolving software bugs, Improving overall product quality through automated testing strategies. Strong collaboration and communication skills with crossfunctional teams.

Skills

- Java | Selenium WebDriver | TestNG | Apache Maven | MYSQL | Jenkins(CI/CD) | Jenkins Pipeline | Git | Problem solving | Rest Assured.
- Apache Jmeter | Rest API Testing | Postman | Cucumber BDD framework | shell script | Dsa | Testing methodologies.
- Project management. | AWS | Backend Development | Software Test Life Cycle | Agile | DevOps | Linux | Performance testing.

Experience

Software Engineer   **Cisco Systems**   *Bangalore, India*   10/2022 - 10/2023

- Significantly contributed to end-to-end testing and automation of the Cisco Optical Network Planner tool. Technologies used - Java, Selenium WebDriver, TestNG, Apache Maven, Jenkins Pipeline, Shell scripting, and Linux to drive success in this endeavor.
- Automated E2E Code Coverage using Jenkins Pipeline. This boosted test coverage beyond 70% for key test suites, enhancing overall testing efficiency.
- Key contributions Include enhancing the Selenium framework's library section by Implementing various Selenium methods.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Integrated third-party tools and components into applications

Education

Bachelor of Technology   **Swami Keshvanand Institute of Technology**   *Jaipur, India*   08/2017 - 08/2021

- Major in Electronics and Communication Engineering

Projects

- **End-to-end automating Swiggy/Amazon website:** Automated Swiggy and Amazon platforms to streamline the process of entering user details and adding Items to the cart, utilizing Selenium for efficient web automation.

- **Building a Scalable Microservices Architecture:** Architected a high-performance microservices system with Spring Boot and RESTful APIs. Implemented scalable solutions using asynchronous messaging and CI/CD pipelines for automation.

Trainings

- CCNA: Completed comprehensive In-person training program, gaining proficiency in a wide range of networking topics.
- Automation Testing: Completed virtual training In Automation Testing. with a focus on Selenium. Applied skills to conduct comprehensive testing of e-commerce platforms and food delivery applications

Certifications

- CCNA. Cisco Certified Network Associate
- Modernizing Java EE Applications
- Automation Testing (Master's Program)
- Web Development- Using HTML, CSS and JavaScript