

AADARSH MERTIA

[in LinkedIn](#) | [8290415370](#) | [Leetcode](#) | [aadarshsingh76@gmail.com](#) | [GitHub](#)

Profile

Experienced software automation engineer specializing in Spring microservices and backend development. Skilled in designing automated test frameworks, enhancing product quality, and ensuring system scalability. Proficient in Java, Spring Boot, RESTful APIs, and WebSocket, with strong collaboration and problem-solving abilities.

Skills

- Java | Spring Boot | Hibernate | MySQL | RESTful Api | JDBC | Load-balancing | Caching | Git
- Selenium | Cucumber | BDD | Jenkins | Unit Testing | TestNG | OOPs | Postman | jmeter | CI/CD | JUnit
- Problem Solving | Collaboration skills | Software development | Testing methodologies| SDLC/STLC | Analytical skills

Experience

Software Engineer

Cisco

Bangalore, Karnataka 10/2022 - 10/2023

- Significantly contributed to end-to-end testing and automation of the Cisco Optical Network Planner tool, increasing test efficiency by 50%. Utilized **Java**, **Selenium WebDriver**, **TestNG**, and **Apache Maven** to achieve this success.
- Automated E2E Code Coverage using Jenkins Pipeline, boosting test coverage beyond 70% for key test suites, enhancing overall testing efficiency through the integration of **JUnit** and **modern testing methodologies**.
- Designed and implemented robust **RESTful APIs and backend services** with **Java** and Spring Boot, enhancing API performance by 25% while supporting scalable solutions across **distributed systems**.
- Debugged production issues and maintained existing code, reducing downtime by 20% and ensuring high availability.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, Load/Stress testing, Unit/Integration/E2E testing.
- Led the development of high-performance backend solutions, driving a 30% reduction in response times and ensuring system efficiency under heavy load through effective **load-balancing** and **caching** techniques.

Tranings

- **CCNA**: Completed comprehensive in-person training program, gaining proficiency in a wide range of networking topics.
- **Automation Master**: 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.

Education

Bachelor of Technology

SKIT

Jaipur, Rajasthan 08/2017 - 08/2021

- Major in Electrical and Computer Engineering

Projects

- **WebScrapper Using Selenium**: Automated E-commerce platforms to streamline the process of entering user details and adding items to the cart, utilizing **Selenium** for efficient web automation. [{link}](#)
- **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. [{link}](#)

Article

Successfully authored and published a comprehensive article on LinkedIn detailing the development of a real-time WebSocket chat application using Spring Boot. The article covers the project's architecture, implementation details, and the integration of WebSockets for instant messaging, attracting significant engagement and feedback from the developer community. Demonstrated expertise in web development and real-time communication technologies. [{link}](#)