

Adarsha Shetty

Software Engineer | Test Automation | Java | CI/CD

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Bengaluru, Karnataka, India



SUMMARY

Experienced Software Engineer with 12 years of expertise in designing and automating test cases to ensure software quality and efficiency. Proficient in Java, JavaScript and Ruby. I specialize in delivering solutions that support software development processes. Known for a strong foundation in test automation, teamwork, and extensive experience in developing reliable test automation frameworks to drive impactful results.

EXPERIENCE

Staff Software Development Engineer in Test

Hackerrank

07/2022 - Present Bengaluru, Karnataka, India

- Elevated product quality by implementing well known testing strategies, reducing critical defects by 65% (from 120 to 42 monthly)
- Achieved a 400% reduction in testing time by spearheading test automation initiatives, cutting execution time from 8 hours to 2 hours for 2,300+ test cases
- Elevated test coverage by 20% while reducing manual testing efforts by 15% by revamping the test framework
- Boosted QA team productivity by 35% through a Slack application bot that automated test triggering, saving 12 hours/week across the team of 8 QA engineers

Senior Software Development Engineer in Test

Hackerrank

01/2020 - 07/2022 Bengaluru, Karnataka, India

- Delivered comprehensive UI test automation framework using Cucumber, Ruby, and Selenium, reducing test creation time by 65% while increasing coverage from 60% to 95% across 3 major product modules, with seamless integration into Jenkins and Kubernetes CI/CD pipeline
- Streamlined execution of 2,300+ UI scenarios through cloud-based virtual displays, achieving 90% faster deployments (from 45 to 4 minutes) and reducing infrastructure costs by 45% while maintaining 99.9% test environment reliability

Software Development Engineer in Test

Hackerrank

06/2015 - 01/2020 Bengaluru, Karnataka, India

- Performed efficient test automation by developing UI test automation framework with TestNG and Selenium, reducing test execution time by 70% (from 5 hours to 1.5 hours) and automating 150+ critical test cases with 98% reliability
- Enhanced product quality by designing and implementing 200+ test scenarios across 8 core features, increasing test coverage by 75% and reducing post-release defects by 60% (from 50 to 20 monthly), while maintaining 99.8% test reliability

QA Automation Engineer

Sapient Global Markets

03/2012 - 06/2015 Bengaluru, Karnataka, India

A marketing and consulting firm specializing in technology and analytics.

- Improved testing efficiency and proactively mitigated risks throughout the testing process by designing test scenarios, cases, and scripts
- Developed a test automation framework reducing manual testing time by 60% at Sapient Global Markets

KEY ACHIEVEMENTS



Achieved a 400% reduction in UI automation testing time by optimizing the CI setup, significantly enhancing testing efficiency and deployment speed.



Scaled up automation testing to 2300 scenarios on in-house cloud-based setup

EDUCATION

Bachelor of Engineering (B.E.)

PES Institute Of Technology

08/2007 - 05/2011 Bangalore, India

SKILLS

Problem Solving

Data Structures

Automation Testing

UI Testing

API Testing

CI/CD

Documentation

PROGRAMMING LANGUAGES

Java

Advanced



Javascript

Intermediate



TOOLS AND TECHNOLOGIES



Jenkins, Git, Selenium, Playwright, Docker, Kubernetes, AWS and Terraform

AWARDS AND RECOGNITIONS



Kudos 2020

For quick delivery of increased scale of automation with a new CI setup



Spot Award 2022

For achieving 400% reduction in UI automation testing time by optimizing the CI setup, significantly enhancing testing efficiency and deployment speed.



Kudos 2023

For meticulous testing and releasing bug free editors project