**Introduce Yourself?**

* I am Prathibha, I am BE graduate specialized in Electronics and Communications.
* I Have 5+ years of experience in the field of software testing and quality assurance.
* Currently I am working for sun technologies
* I have been working different domains like Information, Retail and manufacturing.
* Our Projects are completely Web Based Applications that provides end-to-end business integration solution to our client.
* I specialize in designing and implementing automated testing frameworks using tools such as Selenium, JUnit, TestNG, and API.
* I have extensive experience with continuous integration tools like Jenkins and version control systems like Git. Also I have used JIRA for Bug reporting and Test Management.
* In my current role at Sun technologies,
* I have successfully developed and maintained automated test scripts for a complex web application, reducing manual testing efforts by 60%.
* One of my significant projects involved automating the regression testing suite, which ensured faster and more reliable releases.
* That’s all about myself Thanks.

**Roles and Responsibilities:**

* 1. I involved in Developing and document test automation strategies and plans.
  2. Identify the scope of automation, selecting test cases that are suitable for automation based on various criteria (e.g., repeatability, stability, complexity).
  3. Design, develop, and maintain automated test scripts using test automation frameworks and tools.
  4. Evaluate and select appropriate test automation tools and frameworks based on project requirements
  5. Write clean and reusable code for automated tests.
  6. Ensure that automated tests cover functional, regression, performance, and integration testing requirements.
  7. Execute automated test scripts and analyse test results.
  8. Identify, document, and track defects found during testing.
  9. Generate comprehensive test reports and metrics to provide visibility into test coverage and quality status.
  10. Work closely with software developers and manual testers to understand application functionality and identify test automation requirements.
  11. Collaborate with QA team members to integrate automated tests into the continuous integration/continuous deployment (CI/CD) pipeline.
  12. Participate in design and code reviews to ensure testability and quality standards are met.
  13. Create and maintain detailed documentation for test automation processes, frameworks, and scripts.
  14. Identify opportunities to enhance test automation processes and frameworks.
  15. Implement best practices and innovative solutions to improve test efficiency and effectiveness.