

The below are crafted by Sidharth Shukla:

1. [Test Automation Framework Interview Q&A](#)
2. [Docker Interview Q&A](#)
3. [JMeter Interview Q&A](#)
4. [TestNG Interview Q&A](#)
5. [Maven Interview Q&A](#)
6. [Linux Interview Q&A](#)
7. [API Testing Interview Q&A](#)
8. [Selenium Webdriver Notes](#)
9. [SQL Interview Q&A](#)
10. [Java Interview Q&A](#)
11. [Jenkins Interview Q&A](#)
12. VERY Important: All Interview resources with coding set, this below link is the collection of resources from different sources: [REFER HERE](#)
12. [Workshop on transitioning from Automation QA to SDET with a comprehensive learning plan from basic to advanced levels](#)
13. I also add lots of interview Q&A on the latest topic on LinkedIn, if you want to go through all those sections then refer to the link [here](#)

Workbook / Session Notes / Cheat Sheet Document

Along with the document attached in the email refer the below links:

[Page Object Model](#)

[How to schedule a job in Jenkins pipeline?](#)

[Maven & Jenkins Integration with Selenium?](#)

[Retry Listener to run failed TestCases?](#)

[How to read properties file and fetch data?](#)
[Test data management with JSON?](#)
[Most used GIT Commands?](#)
[How to Integrate Extent Reporting with Framework?](#)
[Maven dependencies for Selenium Framework Design?](#)

 **Telegram group for job updates and automation related posts:**

<https://lnkd.in/gUUQeCha>

 **BONUS:**

Get 15 % Discount on End to end Automation SDET Sessions:

https://topmate.io/sidharth_shukla/110008 .

Drop an email to sidharth.shukla19@gmail.com for coupon code[Subject: 15%DCFIP]

Essential Skills for SDETs

- **Coding Proficiency:**
 - Language choices and proficiency.
 - Writing maintainable and scalable code.
 - Adherence to [coding standards](#) & Code optimization techniques.
Refer: [Java Coding Interview Q&A](#)
- **Test Architecture:**
 - Designing effective test frameworks.
 - Incorporating Design Patterns.
 - Considerations for test architecture and code architecture alignment.
- **Test Infrastructure:**
 - Setting up and managing test environments.
 - Integration with CI/CD pipelines.
[Maven & Jenkins Integration](#)
 - Version control using GIT.
 - Dependency management with tools like Maven.
- **Important Topics:**
 - API testing and integration.
[API Interview Q&A](#)

- Dependency management with Maven.
[Maven Interview Q&A](#)
- Deep dive into CI/CD processes.
[Jenkins Interview Q&A](#)
- GIT version control best practices.
[GIT Interview Q&A](#)
- Docker Containerization.
[Docker Interview Q&A](#)
- [Automation Test Metrics](#)
- Work with integrations
Eg: [Cucumber with JIRA Integration](#)
- Architectural considerations in SDET work.
- In-depth knowledge of Design Patterns.
- [SonarQube](#)
- Coding Standards & Optimization