

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. 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](https://topmate.io/sidharth_shukla/110008) .

Drop an email to [sidharth.shukla19@gmail.com](mailto: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