**The below are crafted by Sidharth Shukla:**

1. [**Test Automation Framework Interview Q&A**](https://docs.google.com/document/d/1MaV7dW7HklLMh61OyMDEpZuUduPzrRkrD1X1rlTJVlw/edit?usp=sharing)
2. [**Docker Interview Q&A**](https://docs.google.com/document/d/1ITzHPpad-Ayk9PwHyDOMbNQKIgAJPcWoVMguWeBTrgw/edit?usp=sharing)
3. [**JMeter Interview Q&A**](https://docs.google.com/document/d/1oqROUWKwwobMlDDDvd0BvPyR3mVIxxCqa9FwcpxhEgg/edit?usp=sharing)
4. [**TestNG Interview Q&A**](https://docs.google.com/document/d/1_k-xWBlW8WRi7_g4eW7TLRwlNuHPK-HKtWSBr_JPUJE/edit?usp=sharing)
5. [**Maven Interview Q&A**](https://docs.google.com/document/d/1tPi0yl4aaCEWvCSItBeiU8bmtOs1gMKDQd8GQW_HX4A/edit?usp=sharing)
6. [**Linux Interview Q&A**](https://docs.google.com/document/d/1W1_m4mxIO2CL31Wuf37ugUk8HOLciyYd5IuQB18lUPU/edit?usp=sharing)
7. [**API Testing Interview Q&A**](https://docs.google.com/document/d/1-xreyvQxtqXvV_8wC92DmQvdW9DZUpdWc5xEiwkVfKo/edit?usp=sharing)
8. [**Selenium Webdriver Notes**](https://docs.google.com/document/d/1tOP5iaTqhnmgCEeiKjsXzb4SCCh6QmJB/edit?usp=drive_link&ouid=116360676670934668654&rtpof=true&sd=true)
9. [**SQL Interview Q&A**](https://docs.google.com/document/d/1-_vUzDcCNV9AISrvwVPLUPmOsEjzXmWKlI3vO_NlZZQ/edit?usp=sharing)

* All Interview resources with coding set, this below link is the collection of resources from different sources:  
  <https://drive.google.com/drive/folders/1dHU9B2JSlKpOl2BbJFsyQ30moIkCoBfw?usp=sharing>
* 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: <https://www.linkedin.com/feed/hashtag/?keywords=sidpost>

## **Workbook / Session Notes / Cheat Sheet Document**

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

[**Page Object Model**](https://automationreinvented.blogspot.com/2022/10/page-object-model-in-selenium.html)

[**How to schedule a job in Jenkins pipeline?**](https://automationreinvented.blogspot.com/2021/05/how-to-schedule-job-in-jenkins-pipeline.html)

[**Maven & Jenkins Integration with Selenium?**](https://automationreinvented.blogspot.com/2021/02/how-to-run-test-selenium-tests-from.html)

[**Retry Listener to run failed TestCases?**](https://automationreinvented.blogspot.com/2020/08/how-to-rerun-only-failed-test-cases.html)

[**How to read properties file and fetch data?**](https://automationreinvented.blogspot.com/2020/05/how-to-read-properties-file-and-fetch.html)

[**Test data management with JSON?**](https://automationreinvented.blogspot.com/2020/05/how-to-fetch-testdata-from-json-file.html)

[**Most used GIT Commands?**](https://automationreinvented.blogspot.com/2019/12/top-11-git-interview-question-for.html)

[**How to Integrate Extent Reporting with Framework?**](https://automationreinvented.blogspot.com/2021/05/how-to-integrate-extent-reporting-to.html)

[**Maven dependencies for Selenium Framework Design?**](https://automationreinvented.blogspot.com/2021/02/maven-dependencies-with-pomxml-for.html)

**Essential Skills for SDETs**

* Coding Proficiency:
  + Language choices and proficiency.
  + Writing maintainable and scalable code.
  + Adherence to [coding standards](https://automationreinvented.blogspot.com/2023/03/coding-standards-for-automation-qa-sdet.html) & Code optimization techniques.  
    Refer: [Java Coding Interview Q&A](https://automationreinvented.blogspot.com/2021/11/top-21-java-coding-interview-question.html)
* 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](https://automationreinvented.blogspot.com/2021/02/how-to-run-test-selenium-tests-from.html)
  + Version control using GIT.
  + Dependency management with tools like Maven.
* **Important Topics:**
  + API testing and integration.  
     [API Interview Q&A](https://automationreinvented.blogspot.com/2022/05/top-api-testing-interview-questions-and.html)
  + Dependency management with Maven.  
    [Maven Interview Q&A](https://automationreinvented.blogspot.com/2019/12/top-11-interview-questions-on-maven.html)
  + Deep dive into CI/CD processes.  
     [Jenkins Interview Q&A](https://automationreinvented.blogspot.com/2022/07/top-jenkins-interview-questions-and.html)
  + GIT version control best practices.   
    [GIT Interview Q&A](https://automationreinvented.blogspot.com/2022/05/top-50-git-interview-q-on-real-time.html)
  + Docker Containerization.  
     [Docker Interview Q&A](https://automationreinvented.blogspot.com/2022/07/top-docker-interview-q-for-devops-sdet.html)
  + [Automation Test Metrics](https://automationreinvented.blogspot.com/2023/02/what-are-automation-test-metrics.html)
  + Work with integrations   
    Eg: [Cucumber with JIRA Integration](https://automationreinvented.blogspot.com/2022/10/how-to-setup-and-activate-cucumber-on.html)
  + Architectural considerations in SDET work.
  + In-depth knowledge of Design Patterns.
  + [SonarQube](https://automationreinvented.blogspot.com/2021/04/what-is-sonarqube-and-why-we-need-it-in.html)
  + Coding Standards & Optimization