**Mobile Testing Notes**

**Manual and Automation testing tools**

**Basic automation tools setup.**

**Review, Re-learn, Re-Visit, Rewind and slow the voice on video tutorials. Use images for visual learning on google search.**

**Check Mobile testing interview questions.**

* Hybrid, Native (calendar, Camera, calculator) and Web (chrome, firefox) Mobile apps.
* Mobile app testing tools like Appium, Robotium, Selendroid and many more.
* Emulator and Simulator.
* Windows, Android and IOS vendors operating systems platforms.
* **Client Server architecture.**
* **Appium client and Appium server (Node.js HTTP Server).**
* .apk and. ipa applications packages.
* Appium inspector client and Appium commands, Appium doctor (Used to diagnose and fix common Node, IOS, and Android configuration issues before starting Appium, A tool to check if all Appium dependencies are downloaded).
* Android SDK.
* Selenium extended mobile libraries.
* Our scripts are converted to **HTTP** rest request.
* UIAutomator2 – android driver.
* Windows – WinAppDriver.
* Appium design patterns.
* Appium client Libraries – java, c#, javascript, python.
* JSON wire protocol converts requests from the Appium client to HTTP REST format.
* Desired capabilities are configuration setting using a set of key-values sent to the Appium server to instruct the server for what kind of automation session we are interested in starting up.
* **ADB** – Android Debug Bridge command-line tool (ADB client, deamon ADB Server).