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| **Selenium** | **POSTMAN** | **AWS cloud** |
| - **ready knowledge** on **core Java**.  - **ready knowledge** on  **Selenium Webdriver 3:**  - web **element** locator strategies  - handling **dynamic web elements**  - **TestNG framework** and its various **annotations**  - usage of **AUTO IT**  - implementation of **screenshot capability** into  script  - implementation of **cross-browser** execution  capability into the script  - implementation of **parallel-testing** capability into  the script  - usage of **ITestAnalyzer** to implement retry feature  in Selenium scripts  - implementation of **data-providers** to achieve data  driven framework capability  - implement excel data sheet into scripts to **design**  **Data-driven framework**  - implementation of **Page Object Model** as  Selenium script  - I have **created a working dummy framework for**  **demonstration** purpose <https://github.com/Utkarsh20th/dummyFramework.git>  The framework intends to demonstrate:  - usage of TestNG and its annotations  - implementing data-driven framework  - using method as data-provider in TestNG  - using Excel as data-provider in TestNG  - re-running specific @Test for certain times in case  it fails before declaring the test-method to be a  failure – by using IRetryAnalyzer feature  - capturing screenshots  If need required, can also present a walkthrough on  the script.  - undergoing **certification course** from Simplilearn on  Selenium. The course assessment is over and **to be**  **handed-over the certificate in a week time**.  - **Extra activity:** learning implementation of  **Cucumber framework** to achieve **Behaviour-driven**  **Development** capability – in progress | - worked on a  licensed middleware  testing tool CA LISA  from 2013-2016  (now deprecated)  for testing only SOAP  based web services  - learning working of  new REST based web  services  - learning **REST API**  tool **POSTMAN** and  its various features:  - Request  - Response  - Collection  - Tests  - learning new  language **javascript**  to put **assertions** | - have knowledge of  **creating instances**  on **AWS cloud** |

**Other knowledge:**

- knowledge of creating small-scale java-based web application using Dynamic Web Project

- knowledge of deploying the web application using servers: **Tomcat** and **GlassFish**