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Tutor: **Rajat Verma**

Reference: **Youtube**

Playlist: **Interview Preparation and Tips**

Content: **01 - Introduction to Interviewer**

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1. **Document prepared by:**
   a. **Rajat Verma**
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2. **Test Automation Frameworks:**

   a. **Web**
      i. Selenium WebDriver + Java
      ii. Cypress + (Javascript and Typescript)
      iii. Playwright + (Javascript and Typescript)

   b. **Mobile**
      i. Appium + Java
   c. **API**
      i. Rest Assured + Java
      ii. Requests + Python

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3. **Documents:**
   a. **Documents:**
      i. **Github repo:** https://github.com/rajatt95/Documents
      ii. **Google Drive:** https://drive.google.com/drive/folders/1tne9pZjgWvfrS0l9tVHs6k1jnQHpTLoA

4. **Last worked on this Document:**
   a. Jan 22, 2023

5. **Learnings from (Code Repository):**
   a. **This playlist:**
      i. https://github.com/rajatt95/Documents/tree/master/Youtube_Playlists/01_Interview%20preparation%20and%20tips
   b. **Other playlists(s):**
      i. https://github.com/rajatt95/Documents/tree/master/Youtube_Playlists

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6. **Course content:**
   a. Introduction to Interviewer

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=======01_Introduction to Interviewer=========
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1. **Points**
   a. Wish him/her - Morning/Afternoon/Evening
   b. Started working when - **Year**
   c. Currently, working with - **Client_Name**?
   d. Product/Application Information
   e. Working methodology
      i. Meetings
   f. Tools
      i. Project management
   g. Your Roles/Responsibilities
   h. Tools and Technologies
   i. Libraries
   j. Reporting to Client
   k. CI/CD

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1. **Example for**
   Introduction to interviewer

   a. Hi **Akash,**
      Good morning/afternoon/evening!
   b. My name is **Rajat Verma**
   c. I have been working in the Software Industry since the year **2017**.
      Currently, I am working with a **US-based airline company - JetBlue Airways.**

   d. The application on which I am working is a **Responsive Website** where
      i. Users can register and log in to the application
      ii. The user can do
         1. Flights
            a. Booking
            b. Check-in
         2. Hotels
         3. Cars
   e. We are working in **Agile** methodology and following the **Scrum** framework.
      We have a **Sprint** of **2 weeks**.

   f. I'm included in all the **Agile ceremonies/meetings**.

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        i.   Starting from
   1. Sprint Planning
   2. Attending Daily Scrums/Standups
   3. Sprint Review, and
   4. Sprint Retrospective meetings

g. We are using the **JIRA** tool
   i. for **Project management** and
   ii. as a **Defect Tracking Tool**
      1. Writing the test cases in **Zephyr** (JIRA plugin)

h. I am responsible for **Web UI Automation** which includes
   i.   **Scripts development**
   ii.   **Scripts execution,** and
   iii. **Scripts maintenance**

i. Coming to tools and technologies,
j. I am working with **Java** as a **Programming language** and using **Eclipse/IntelliJ IDE** for writing the code.
k. For **Web UI Automation**, we are using **Selenium WebDriver API**

l. On the **Test Automation Framework** side,
   i. We are using
      1. **TestNG** - As a **Testing framework**
      2. **Maven** - As a **Build and Dependency Management Tool**
   ii. Other than these
      1. We also have implemented one of the Design patterns called the **Page Object Model** along with/without **Page Factories.**
      2. And, some of the other open-source libraries
         a. **Log4J** for **Logging**
         b. **ExtentReports** for **Reporting**
         c. **Apache POI** for **Read/Writes** operations for Excel files.

m. For **Version Control System (VCS)**, we are working with **Github/BitBucket**
n. For **Continuous Integration** and **Continuous Deployment (CI/CD)**,
   i. We are using **Github Actions**
      1. Scripts execution starts
         a. On code push
         b. Manual trigger
         c. Fixed time (Example - Daily IST 05:00 PM)

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3. **To connect:**
   a. **Document prepared by:**
      i. <mark>**Rajat Verma**</mark>

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THANK YOU!

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