Cypress Test Automation Case Study – Elevatus Job Platform

Objective

To validate the **end-to-end flow** of candidate registration, job application, and recruiter-side verification across multiple portals in Elevatus using **Cypress automation**.

Part 1 – Candidate Registration & Verification

Steps Automated:

1. **Unique Email Generation**

   - Dynamically generated a unique candidate email using **Mailosaur** (email testing platform).

   - This ensured test reusability without manual email resets.

2. **Registration Flow**

   - Navigated to the Elevatus job platform.

   - Clicked the **Register** button and filled out the required candidate details.

   - Used the Mailosaur-generated email address in the signup form.

3. **Signup Validation with API Intercept**

   - Intercepted the `POST /signup` API call to confirm that the request was triggered and successfully processed.

   - Ensured the **response status code = 200** before proceeding.

4. **Email Verification**

   - Waited for the verification email to arrive in the Mailosaur inbox.

- ○ Parsed the confirmation link from the received email.

- ○ Navigated to the confirmation URL → Successfully verified the account.

5. **Category Selection**

    - ○ Logged in with the verified account.

    - ○ Selected **"new candidate"** from the category dropdown.

6. **Profile Image Upload Attempt**

    - ○ Tried uploading a candidate profile image using Cypress' **attachFile()** (file upload extension).

    - ○ Encountered a **500 Internal Server Error** response from the backend API.

    - ○ Logged this as a **known defect** for follow-up with the dev team.

Part 2 – Applying for a Job

Steps Automated:

1. Navigated to the **Material Coordinator Job page**: **Job Link**

2. Clicked **Apply** → Filled out the **Resume (Bio) details**.

3. Submitted the application via **"Submit Profile and Apply"** button.

4. **Validation:**

    - ○ Intercepted the **job application API call**.

    - ○ Verified successful submission by checking for **200 response** and confirming UI acknowledgment.

Part 3 – Recruiter Portal Verification (Jed Portal)

Steps Automated:

1. Navigated to the **Jed Portal**: **[Jed Portal](#)**

   ○ Filled in the authentication page with recruiter credentials.

2. From the left menu → Clicked **EVA-REC** → Choose **Active Jobs**.

3. **Candidate Search**

   ○ Used the **search box** to find candidates by the same Mailosaur-generated email.

   ○ Located the candidate under the applied job.

4. **Detail Verification**

   ○ Opened the candidate profile within the job details.

   ○ Cross-checked candidate information (bio, category, email, etc.) against the details submitted in **Part 1** and **Part 2**.

   ○ Confirmed consistency of data across portals.

✅ Outcome

● Successfully automated a **cross-platform candidate lifecycle**:

   ○ **Registration → Verification → Job Application → Recruiter Review**.

● Identified a **backend defect** during resume upload (500 error).

● Built re-usable Cypress utilities for:

   ○ **Unique email generation with Mailosaur**

   ○ **Network intercept validations**

   ○ **Dynamic navigation across portals**