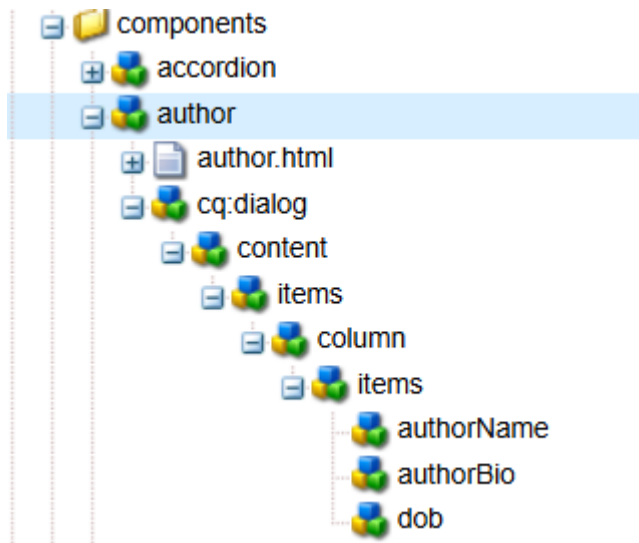# 1. Component Structure in CRXDE

The Author Component is created under the following path:

- apps/myTraining/components/author
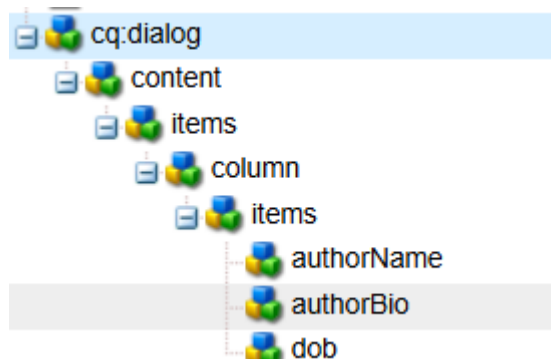

2. Dialog Configuration in CRXDE

The dialog consists of three mandatory field such as Author Name (Single-line text field),   Author Bio(Multi-line text field), DOB (Date picker)
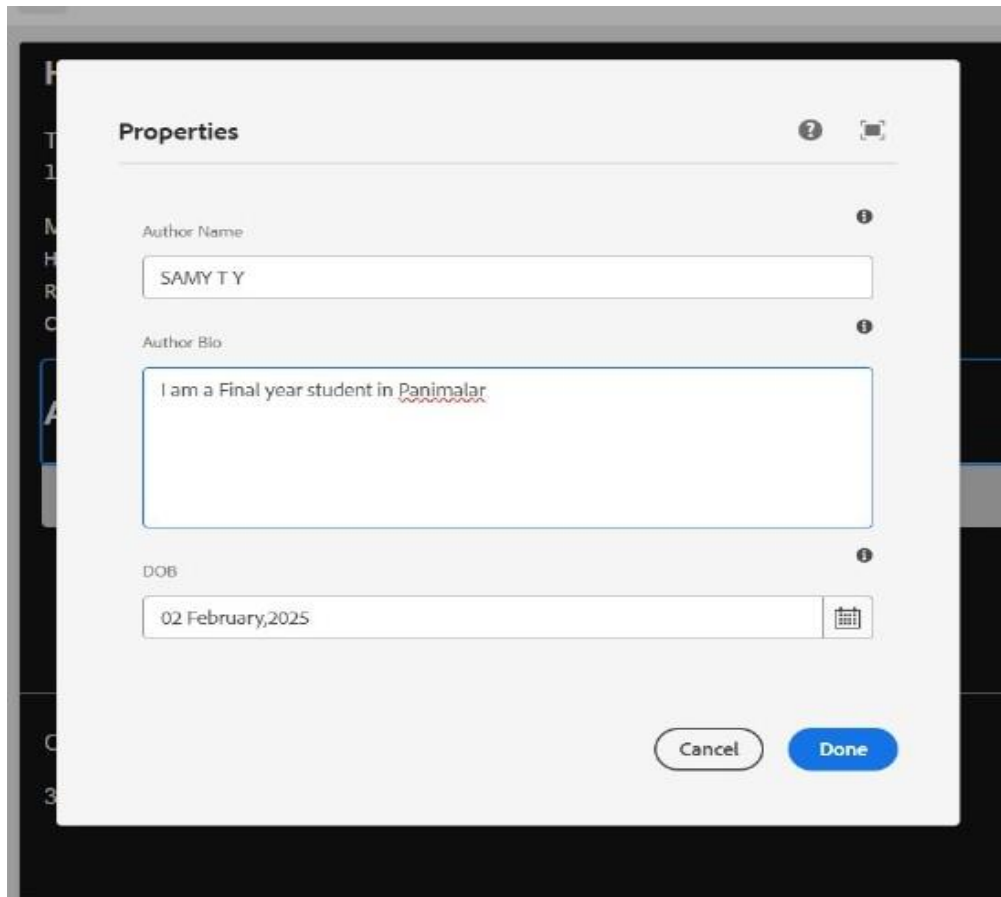
- /apps/myTraining/components/author/cq:dialog

Dialog Structure in CRXDE:

3. Dialog Fields in AEM Touch UI

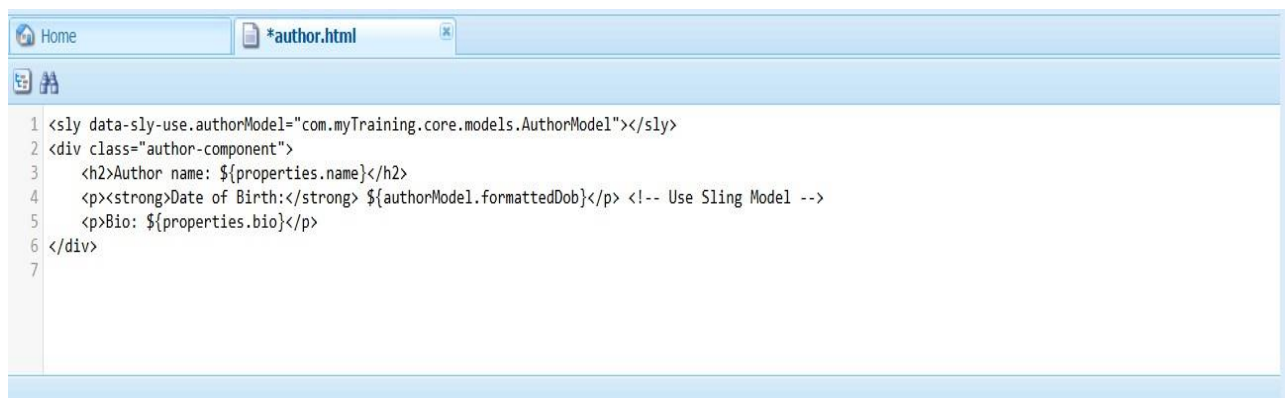The dialog appears in the AEM Page Editor when the component is added. The fields capture user input.

4. Fetching Values in HTL

The values are displayed using HTL properties in author.html:

```
<div class="author-container">

<h1>${properties.authorName}</h1>

<p>${properties.authorBio}</p>

<strong>${properties.dob}</strong>

</div>
```
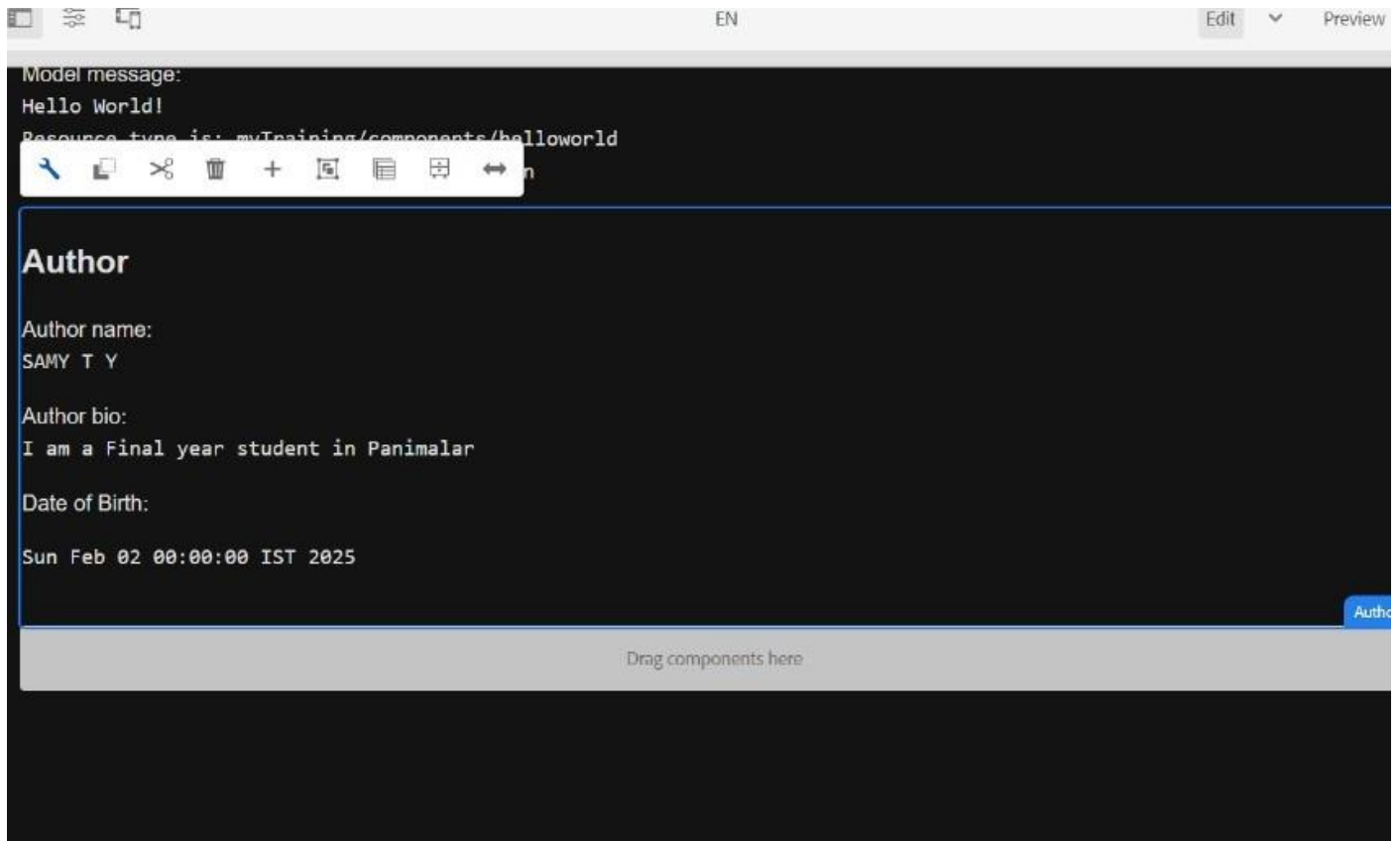


```
1 <sly data-sly-use.authorModel="com.myTraining.core.models.AuthorModel"></sly>
2 <div class="author-component">
3     <h2>Author name: ${properties.name}</h2>
4     <p><strong>Date of Birth:</strong> ${authorModel.formattedDob}</p> <!-- Use Sling Model -->
5     <p>Bio: ${properties.bio}</p>
6 </div>
7
```
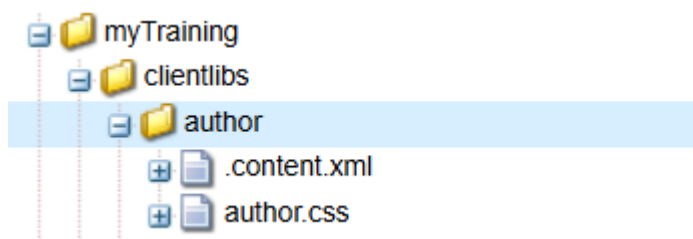
5. Rendered Component on the AEM Page

The component should display:

- Author Name - <h1>SAMY T Y</h1>
- Author Bio - <p>I am a Final year student in Panimalar</p>
- DOB - <strong>2003-10-28<strong>

6.What is ClientLib?

Client Libraries (ClientLibs) manage CSS and JavaScript files in AEM. They improve performance and allow structured organization of front-end assets.

8. What is Dialog Validation?

Dialog validation ensures that fields are correctly filled before saving the component. It can be enforced using the required attribute and validation patterns.

9. What is extraClientLib?

Extra Client Libraries allow specific styling or scripts to be loaded only when necessary. They can be created similarly to ClientLibs but with the extraClientLibs attribute.