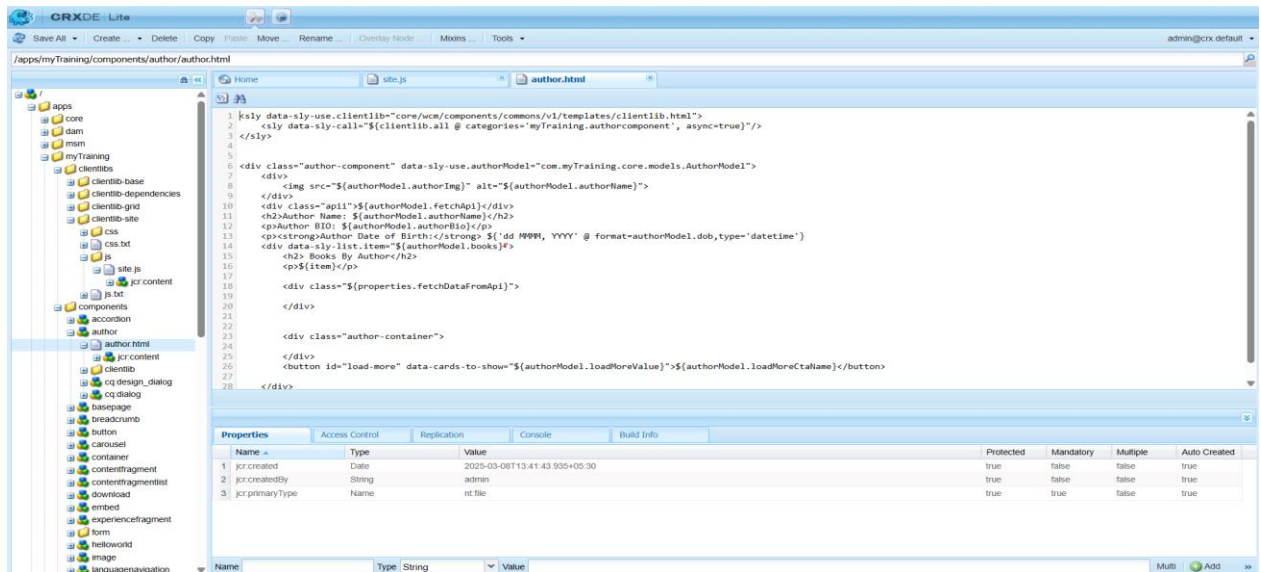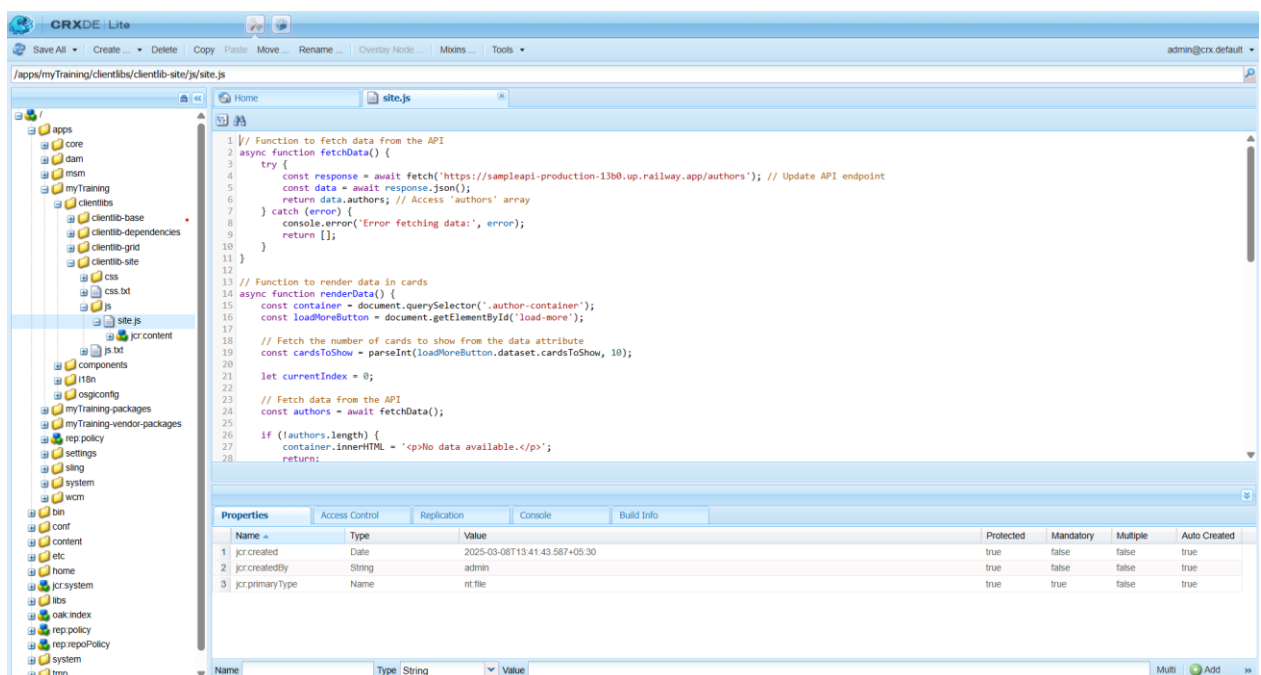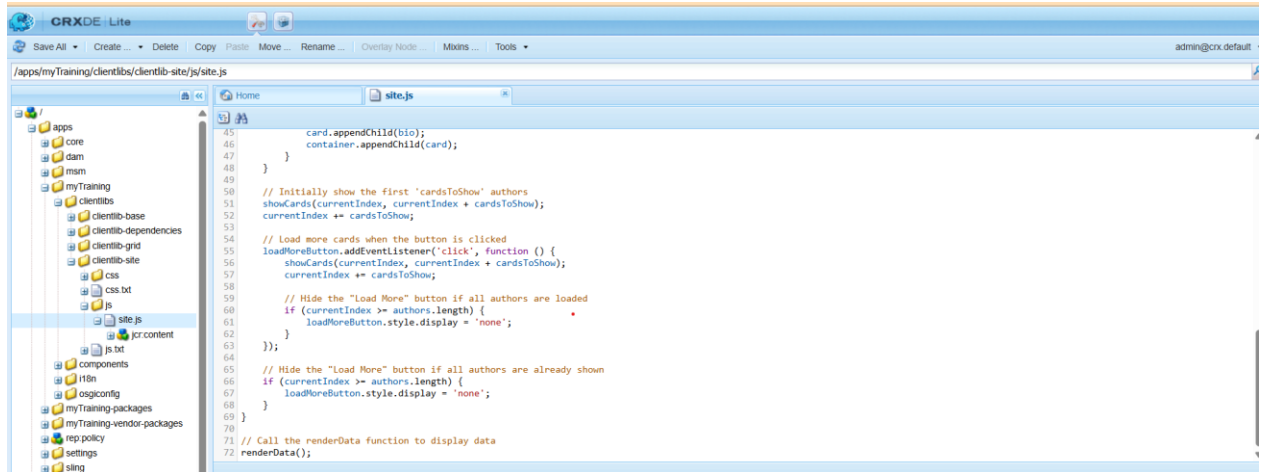# AEM CARD CREATION & DATA FETCHING VIA API

Developing an Author component to retrieve and display card details:

The HTML file displays book cards containing details such as an image, title, description, and publish date.
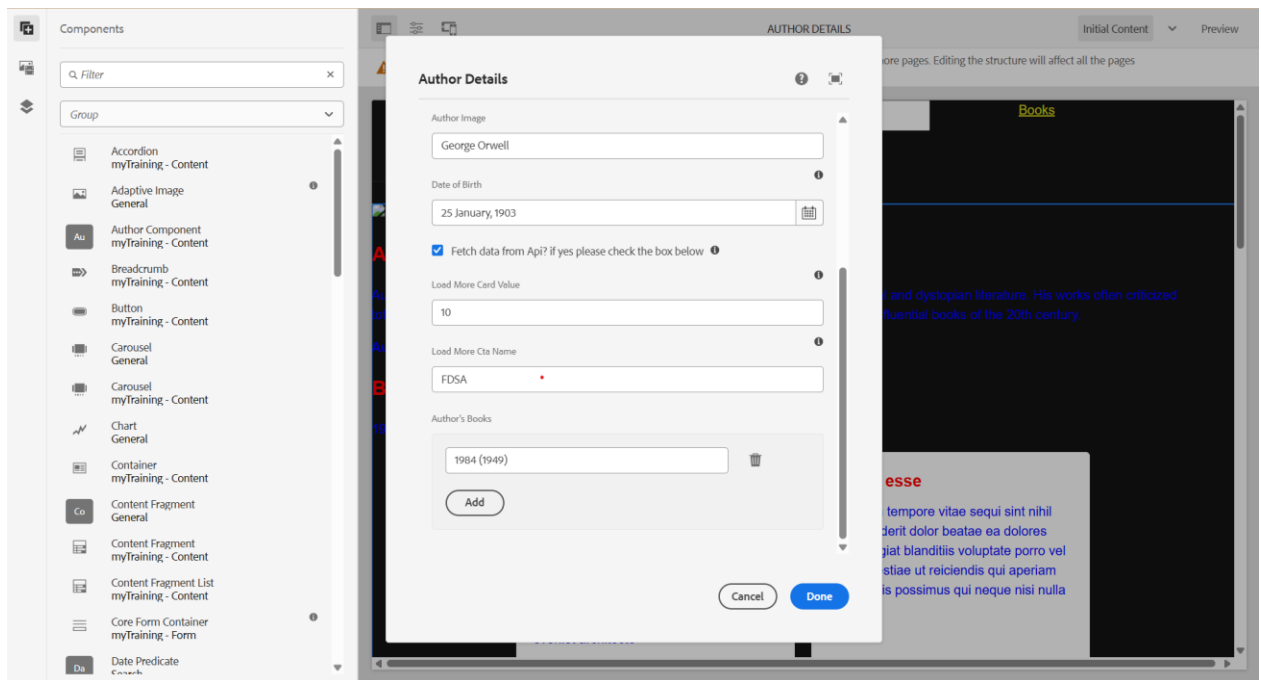

Including site.js in the clientlibs folder to retrieve data from an API URL:
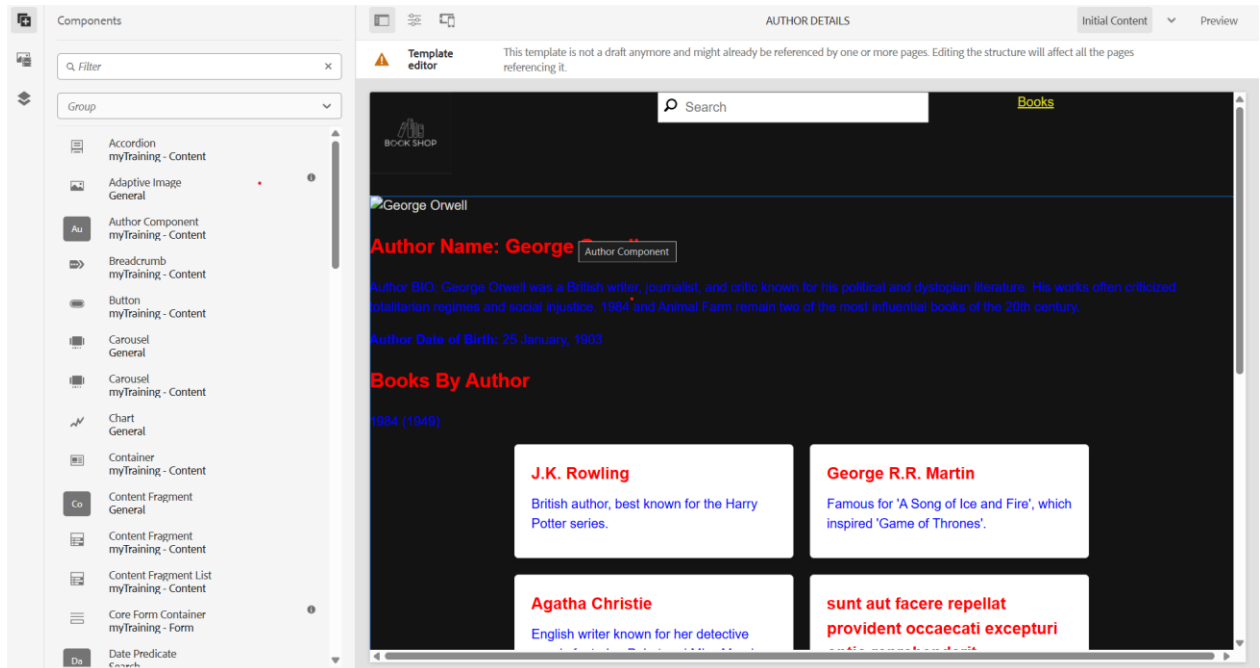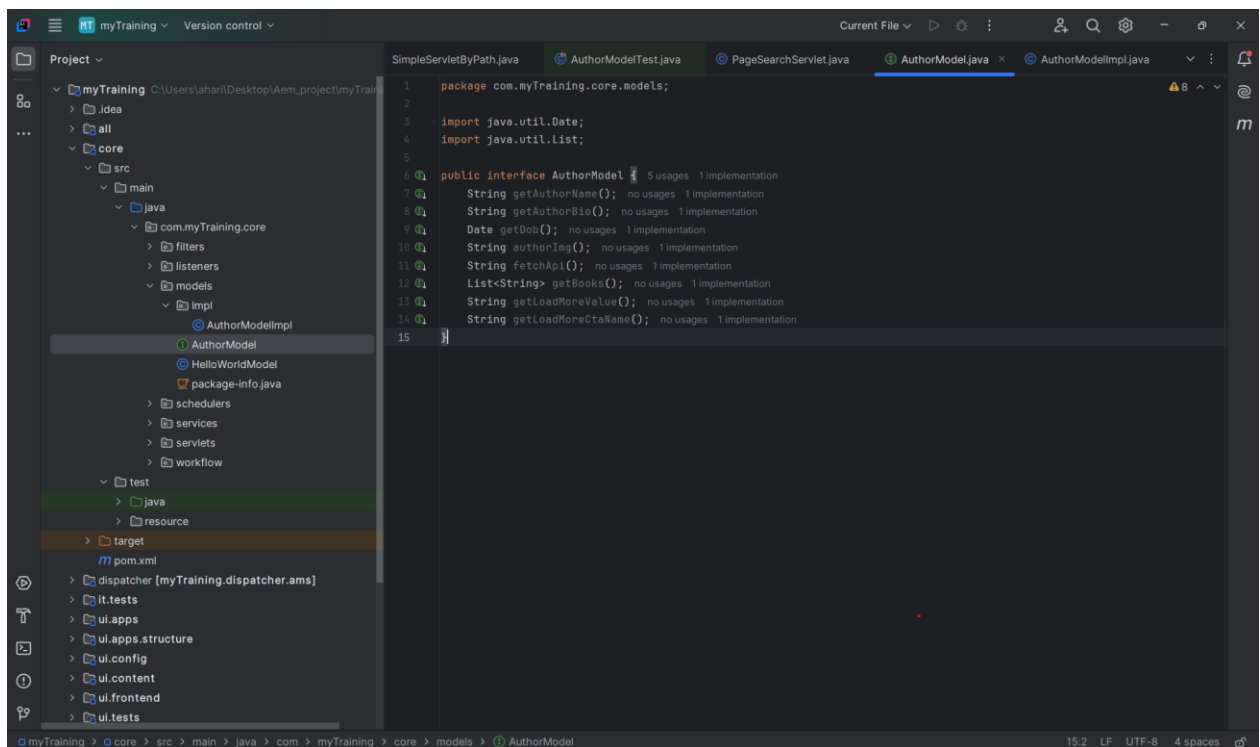
```
45          card.appendChild(bio);
46          container.appendChild(card);
47      }
48  }
49
50  // Initially show the first 'cardsToShow' authors
51  showCards(currentIndex, currentIndex + cardsToShow);
52  currentIndex += cardsToShow;
53
54  // Load more cards when the button is clicked
55  loadMoreButton.addEventListener('click', function () {
56      showCards(currentIndex, currentIndex + cardsToShow);
57      currentIndex += cardsToShow;
58
59      // Hide the "Load More" button if all authors are loaded
60      if (currentIndex >= authors.length) {           .
61          loadMoreButton.style.display = 'none';
62      }
63  });
64
65  // Hide the "Load More" button if all authors are already shown
66  if (currentIndex >= authors.length) {
67      loadMoreButton.style.display = 'none';
68  }
69  }
70
71  // Call the renderData function to display data
72  renderData();
```

AUTHOR COMPONENT IMAGE:

The following Author component includes details such as the author's name, date of birth, and a checkbox to enable data fetching via API.
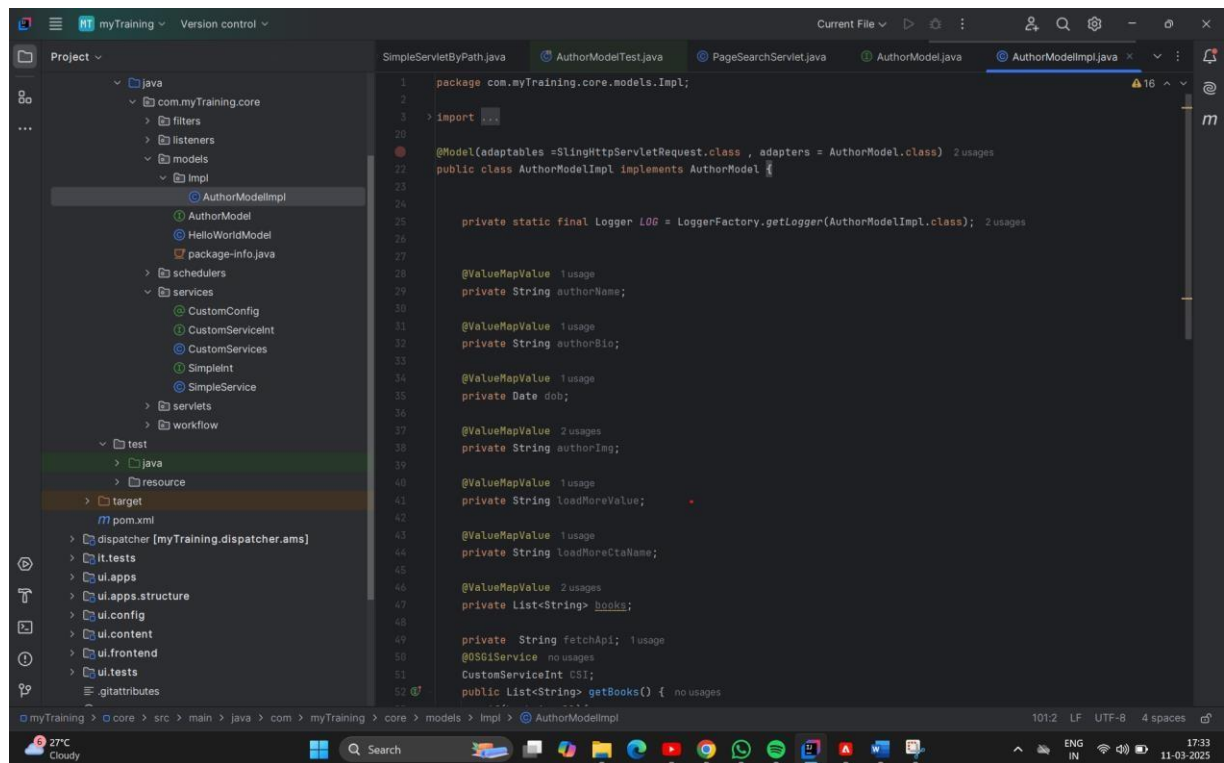
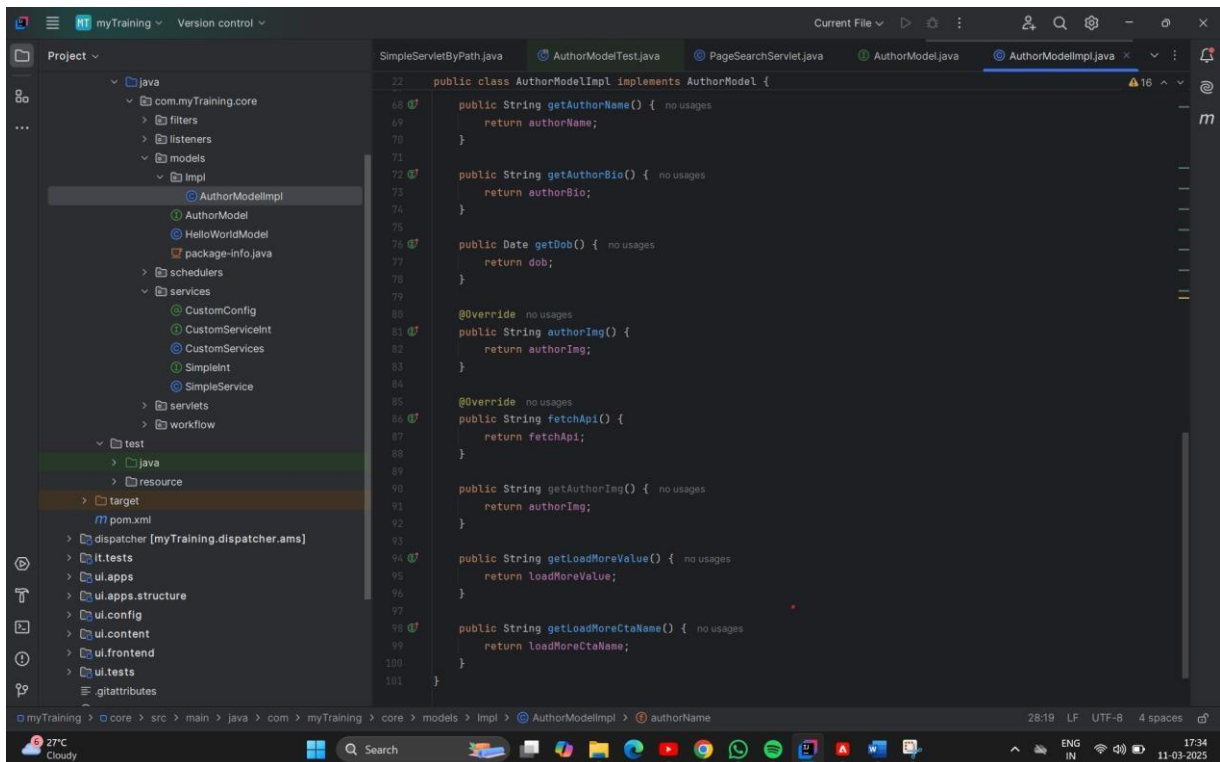The author card displays details including the author's name and bio:

The AuthorModel file has been updated to retrieve details from the API:

The AuthorModelImpl file has been modified to align with the AuthorModel: