Developer Onboarding Course - Introduction

Welcome to our exciting new course on developing web applications with Contentstack! If you're looking to build powerful, scalable, and customizable web applications, then you're in the right place. In this course, we'll guide you through the fundamentals of Contentstack, including content modeling, API and SDK usage, and more. We'll also cover advanced topics such as extending a NextJS app, enabling localization, and optimizing your content delivery. With our easy-to-follow tutorials and hands-on exercises, you'll quickly gain the skills and knowledge needed to build stunning web applications that meet the needs of your clients and users. So, whether you're a seasoned developer or just starting out, join us on this exciting journey and take your web development skills to the next level with Contentstack!
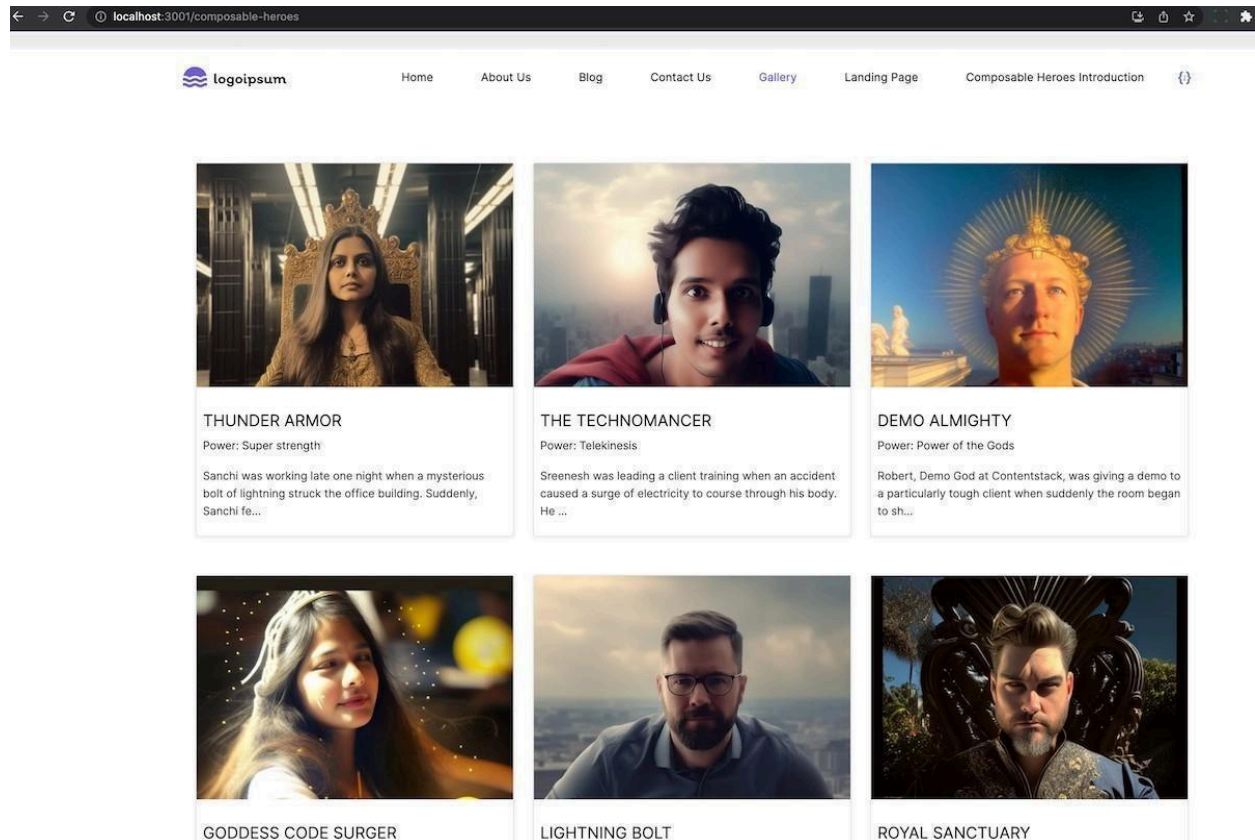
The main tasks in the course are:

1. Create a new detail page (new content type, new NextJS Component, new CD API query)
2. Create a new gallery landing page (new content type, new NextJS Component, more complicated CD API Queries)

We also cover the following:

- Starter app overview, install, and walk through
- Using CMA to read and import content
- SDKs / APIs overview and introduction
- SDKs / APIs deep dive with patterns / practices
- Roles & Permissions
- Workflow
- Marketplace intro
- Automation hub intro

What we will be building

Composable Hero Gallery Page

Composable Hero Detail Page

CYBER SURGE

Christine was busy helping a client when a group of hackers infiltrated the system. As she tried to fend them off, a stray voltage surge hit her, causing her to collapse. She woke up later in a hospital bed with various cybernetic implants. With her newfound abilities, including enhanced strength and hacking skills, she decided to use her powers for good. She kept her job as a Senior Product Manager while secretly fighting cybercrime as a cyborg-themed superhero.

Earth

Email : christine@email.com

Phone : 555-555-5555

Power : Super strength

Getting Started

1) **Get Credentials and Create a Stack:**
   Go to Contentstack Explorer, fill out the form to receive credentials via email, and use those credentials to create a stack.
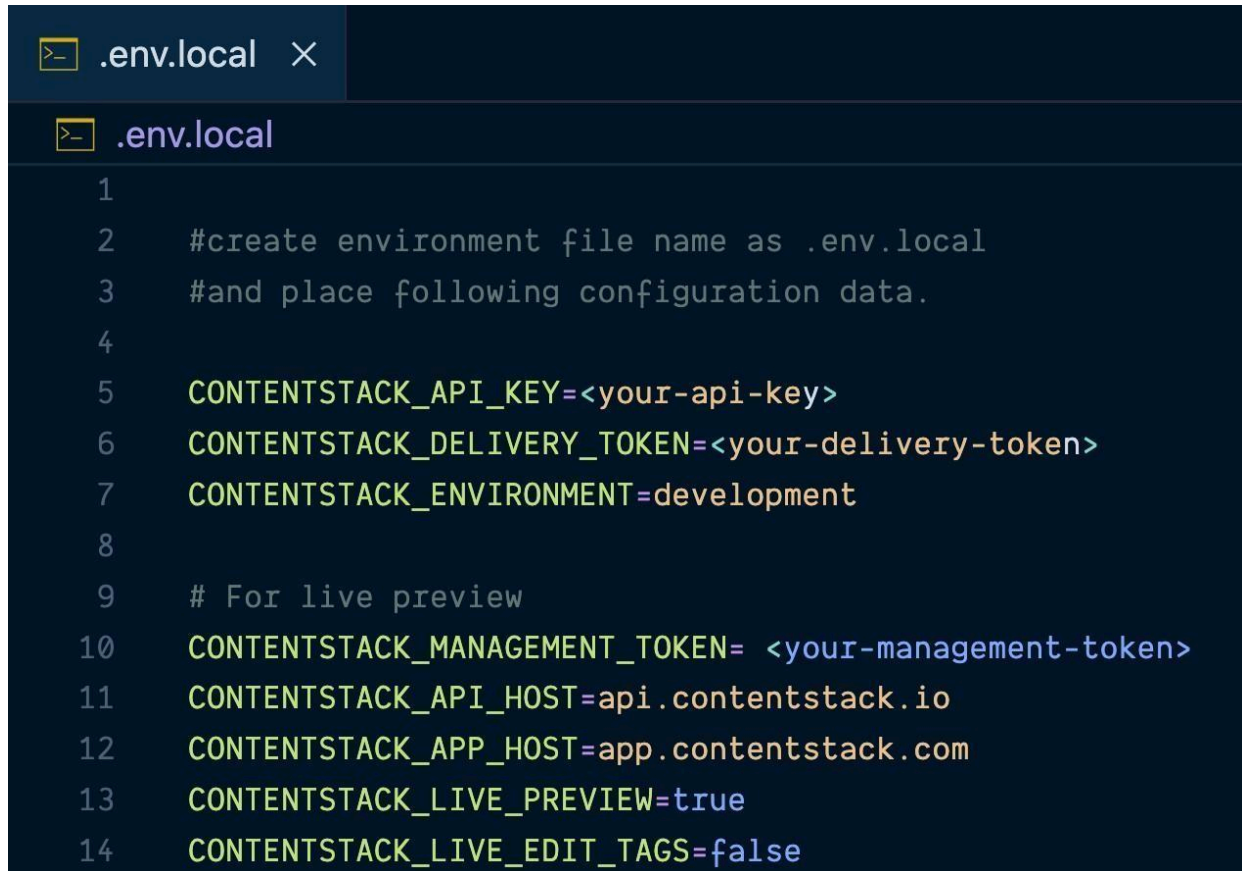   (https://www.contentstack.com/explorerindia)

2) **Download Course Code:**
   Download or clone the repo from GitHub.
   (https://github.com/contentstack/contentstack-academy-playground)

3) **Update .env.local File:**
   Rename .env.local.sample to .env.local and update the configuration values as needed.

```
.env.local ✕

.env.local

1
2    #create environment file name as .env.local
3    #and place following configuration data.
4
5    CONTENTSTACK_API_KEY=<your-api-key>
6    CONTENTSTACK_DELIVERY_TOKEN=<your-delivery-token>
7    CONTENTSTACK_ENVIRONMENT=development
8
9    # For live preview
10   CONTENTSTACK_MANAGEMENT_TOKEN= <your-management-token>
11   CONTENTSTACK_API_HOST=api.contentstack.io
12   CONTENTSTACK_APP_HOST=app.contentstack.com
13   CONTENTSTACK_LIVE_PREVIEW=true
14   CONTENTSTACK_LIVE_EDIT_TAGS=false
```

1. Build the project with 'npm i'

2. Run the website with 'npm run dev'