



Full Stack Django and React

Description:

ReactJS makes it simple to create dynamic and interactive online apps by providing elegant answers to some of front-end programming's most vexing problems. It is quick, scalable, adaptable, and powerful, and it has a thriving development community that is expanding quickly. The time is now to become familiar with React.

Start Date:

Doubt Clear Time:

Course Time:

Features:

- # Course material
- # Course resources
- # On demand recorded videos
- # Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Django and Django REST framework

Django tour - quick

Django admin and migration

Storing our images in django

Setting Django API structure

Handling API root route in django

Image serialization and product views in django

Setting up URL for products in Django

Custom User serlization in Django

Generating the token in django

Custom user signin in Django

Creating base component

Bring in card component

Pulling up text info from backend

Conditional rendering of button

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Hitesh Choudhary

Description:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

>Getting started with project:

>>Section 1 intro

>>Course Goals

>>Create a project structure from client requirements

>>How to handle such project

>>Django and Django REST framework

>Installation for backend:

>>Section 2 intro

>>Python installation and virtual env

>>Learn to manage virtual environment

>>Django installation

>>Django tour - quick

>>Django admin and migration

>Getting structure ready:

>>Section 3 intro

>>Cross origin requests in django

>>Django REST framework installation

>>Storing our images in django

>>Setting Django API structure

>>Handling API root route in django

>Setting up categories in admin:

>>Section 4 intro

>>Setting up category model and admin

>>Serialize the data from DB in Django

>>Category API routing and views in Django

>>Testing with postman for category in Django

>Setting up Products in admin:

>>Section 5 intro

>>Add model for Product in Django

>>Image serialization and product views in django

>>Setting up URL for products in Django

**>Setting up Custom User in
admin:**

>>Section 6 intro

>>Custom User model in admin in Django

>>Let 27s get some errors intentionally in django

>>Custom User serlization in Django

>>Generating the token in django

>>Custom user signin in Django

>>Signout user from django

>>Permissions template for you in django

>>Fixing bugs and urls for user in django

>>Classic super admin issue in django

>>Detailed testing with postman for user Django

>Getting orders in admin

Django:

>>Section 7 intro

>>Creating model for Orders in django

>>Add serialization for orders

>>Is user authentication Django

>>Adding order in admin in django

>>URL for order and auth token in Django

>Payment Gateway backend:

>>Section 8 intro

>>Understand the payment gateway

>>Generate braintree token for user in Django

>>Proocess the payment from backend in django

>>Setup payment urls and debug in Django

>>giving django some test

>Moving to front end:

>>Section 9 intro

>React app for frontend:

>>Action plan for handling front end

>>Config for backend connection and structure

>>Application is up and running now

>>getting all products from backend

>>Getting all tshirt name in frontend

>>Image helper for card

>Reusable card component:

>>Creating base component

>>Bring in card component

>>Pulling up text info from backend

>>Conditional rendering of button

>Cart and auth helper:

>>Add item to cart helper

>>load and remove item from cart

>>debugging remove from cart

- >>Signin and signup helper files
- >>signout and authenticated user
- >>Handling private routes in react

>Signin and Signup components:

- >>Load up the signup page in route
- >>Create signup form template
- >>Handle signup of user
- >>Handling error and success message
- >>User dashboard and private route debugging
- >>Setup routes for signin
- >>Getting the form ready for signin
- >>Handle signin route in formdata
- >>Handling error and success message

>Navigation bar:

- >>Get your nav bar here
- >>Styling your navbar
- >>Make user signout
- >>Resolving signout bug and conditional rendering

>Cart and purchase:

- >>Get the card ready for cart

- >>Load all products and bugs
- >>Force mounting of component
- >>Order helper file
- >>Payment helper file
- >>Getting client token method
- >>Load credit card handler
- >>A long method for final purchase
- >>Expecting bugs in this
- >>A final debug walk through