



## Full Stack Django with 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 compenents:**

- >>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