

Django & DRF Kickoff – Build Your Backend Foundation

Week 1: Django & DRF Kickoff – Build Your Backend Foundation

Welcome to your first week as a Django intern! This week is all about understanding the basics of Django and Django REST Framework (DRF). You will also get familiar with important tools like Git and Postman. These are the building blocks for every backend developer.

Django consulting services

◆ **Django Fundamentals**

Django is a powerful Python framework for building websites. It follows the **MTV pattern** – Model, Template, View.

Understand how Django handles requests and responses

Learn about models – the part that interacts with the database

Create views to control what users see

Use templates to display content with HTML

Set up URLs to connect everything

You will also explore the Django admin, which helps manage your data easily.

◆ **Django REST Framework (DRF)**

DRF helps you build APIs so your website can talk to other apps or frontend frameworks.

Understand what an API is and why we use it

Create simple API endpoints using function-based views

Learn how to use serializers to convert data into JSON

Use viewsets and routers for automatic API routing

◆ **Other Key Tools**

Git & GitHub: Learn how to commit, push, and manage your code

Postman: Test your API endpoints using this tool

JSON: Understand basic JSON structure used in REST APIs

This week is all about building confidence with the backend. Don't worry if you don't understand everything on day one. Ask questions, explore the official Django docs, and take your time.

At the end of the week, you'll create a small Django project, write your first API, and push your code to GitHub!

