

Django Social Media App

This repository contains my version of a **Social Media App** built using Django, inspired by FreeCodeCamp's tutorial. While I followed the tutorial as a starting point, I used it only as a **template** and made extensive modifications to develop an original creation that reflects my own ideas and functionality.

Project Overview

This project demonstrates my journey through creating a fully functional social media app where users can create posts, interact with others, and engage with core social media features. Key functionalities include user authentication, post creation, profile management, and interactions like comments and likes.

Learning Resources

Before building this project, I invested time in learning the foundational skills necessary for Django development. Here are the main resources I used:

1. [Python for Programmers \(3h\) - Codecademy:](#)
A course that provided a strong foundation in Python, covering essential concepts like functions, data structures, and control statements.
2. [HTML/CSS Tutorial \(1h\) by Mosh - YouTube:](#)
This tutorial helped me understand the fundamentals of HTML and CSS, which were critical in building responsive, user-friendly front-end designs.
3. [Django Tutorial \(1h\) by Mosh - YouTube:](#)
Mosh's Django tutorial introduced me to the basics of Django, including setting up a project, creating views, and handling templates, which I further applied and customized in my project.
4. [Build Social Media App with Django \(5h\) - FreeCodeCamp:](#)
This FreeCodeCamp tutorial served as the foundation for the project's initial setup and main components. I followed the core structure of this tutorial but added original features and unique modifications to personalize the app's functionality and design.

How This Project Differs

While I used the tutorial as a guideline, my project features several customizations and additions that are entirely original, including:

- **Unique Design and Styling:** Custom CSS for a distinct visual identity.
- **Enhanced Functionality:** Added extra features not covered in the tutorial, including more interactive elements and custom views.
- **Database Optimization:** Implemented efficient models and queries tailored to my requirements.

Installation and Setup

To set up this project locally, follow these steps:

Clone this repository:

```
git clone https://github.com/yourusername/django-social-media-app.git
```

Navigate to the project folder:

```
cd django-social-media-app
```

Install dependencies:

```
pip install -r requirements.txt
```

Run the Django development server:

```
python manage.py runserver
```

Contributing

Suggestions and contributions are welcome! If you have ideas to enhance the app or notice any issues, please feel free to open an issue or submit a pull request.

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