



# Social Media Dashboard

Asmaa Sharaf Yousef

Mayar Mohamed abdulmaaboud

Nurhan Adel Abdelhamid

Ahmed Hatem Ezzat



# agenda

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# introduction

This project is about building a **social media dashboard** that provides real-time analytics. The dashboard is built using **React** for the frontend, and the backend handles user, post, and comment management using **Django** and **JWT** for authentication.



# Technologies Used

- **Frontend:** React, Tailwind CSS, Axios, TSX
- **Backend:** Django, DRF, SQLite, JWT
- **API Integration:** Rest API data fetching

# Key Features

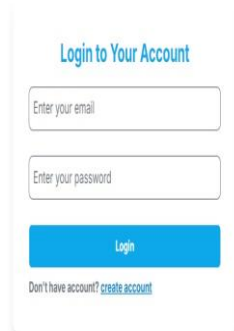
- **User Authentication:** Secure login with JWT.
- **Post and Comment Management:** Create, view, and comment on posts.
- **Real-Time Analytics:** Fetch and display data dynamically.

# System Architecture

- **React (Frontend) & Django (Backend):** Separation of concerns is maintained, with React handling the frontend and Django managing the backend logic and APIs.
- **JWT Authentication (Django Simple JWT):** Ensures that only authenticated users can access protected routes.
- **API Integration (Django REST Framework):** Enables seamless communication between the React frontend and Django backend via APIs.

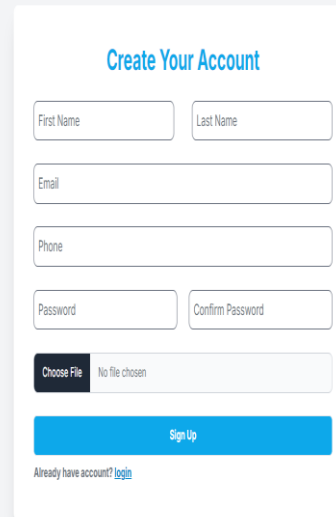
# Screenshots

## LOGIN PAGE



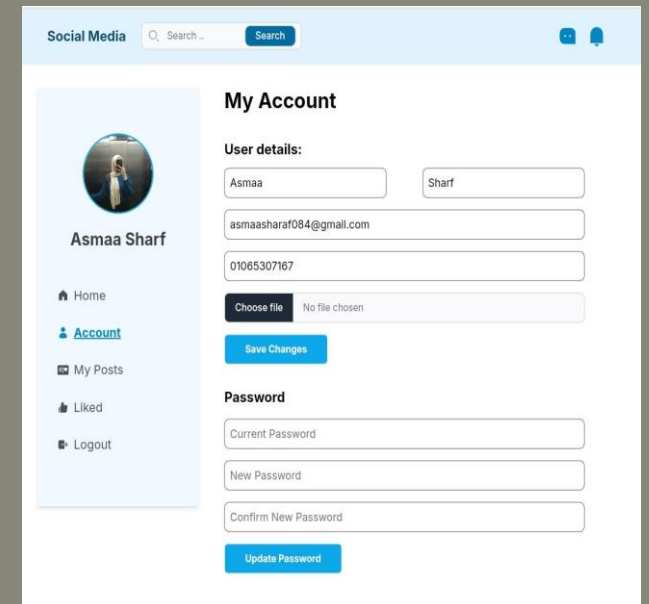
A login form titled "Login to Your Account" with a blue header. It contains two input fields: "Enter your email" and "Enter your password". Below the fields is a blue "Login" button. At the bottom, there is a link: "Don't have account? [create account](#)".

## SIGNUP PAGE



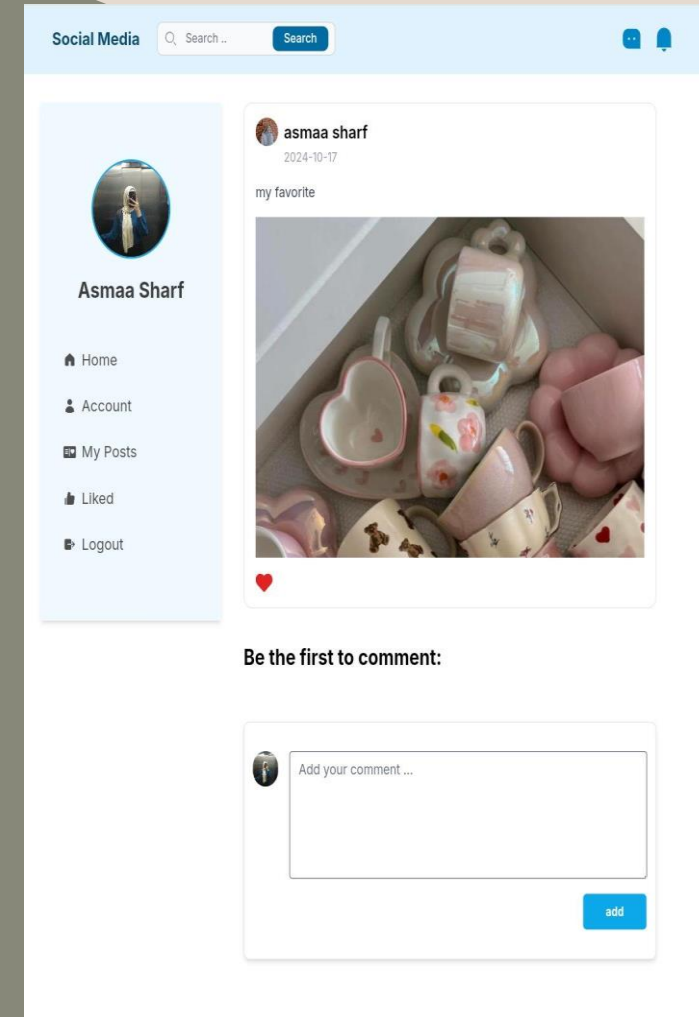
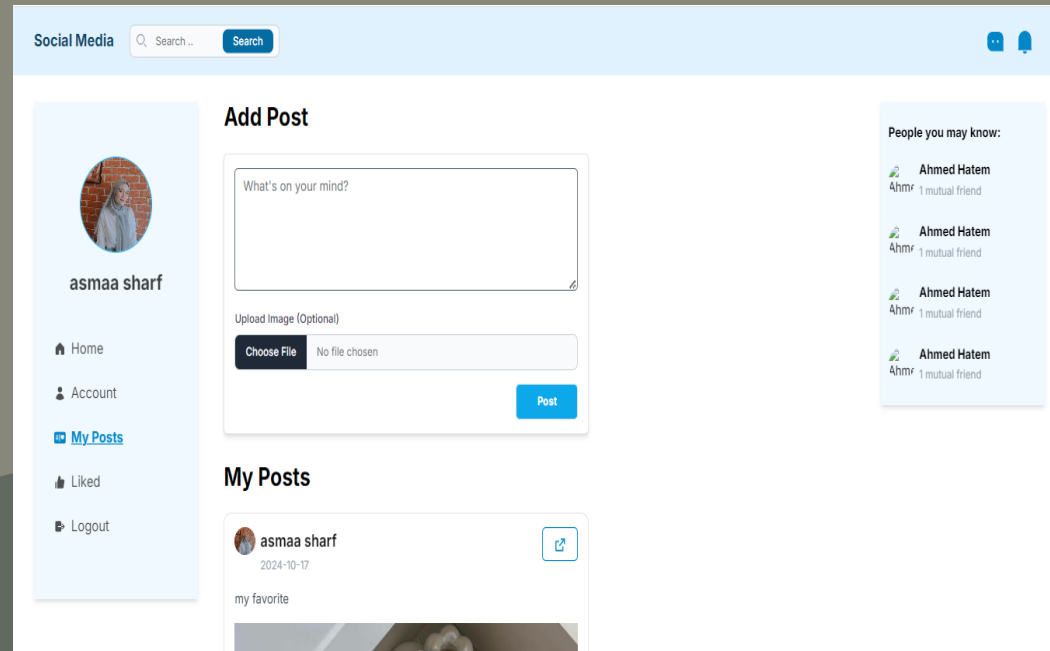
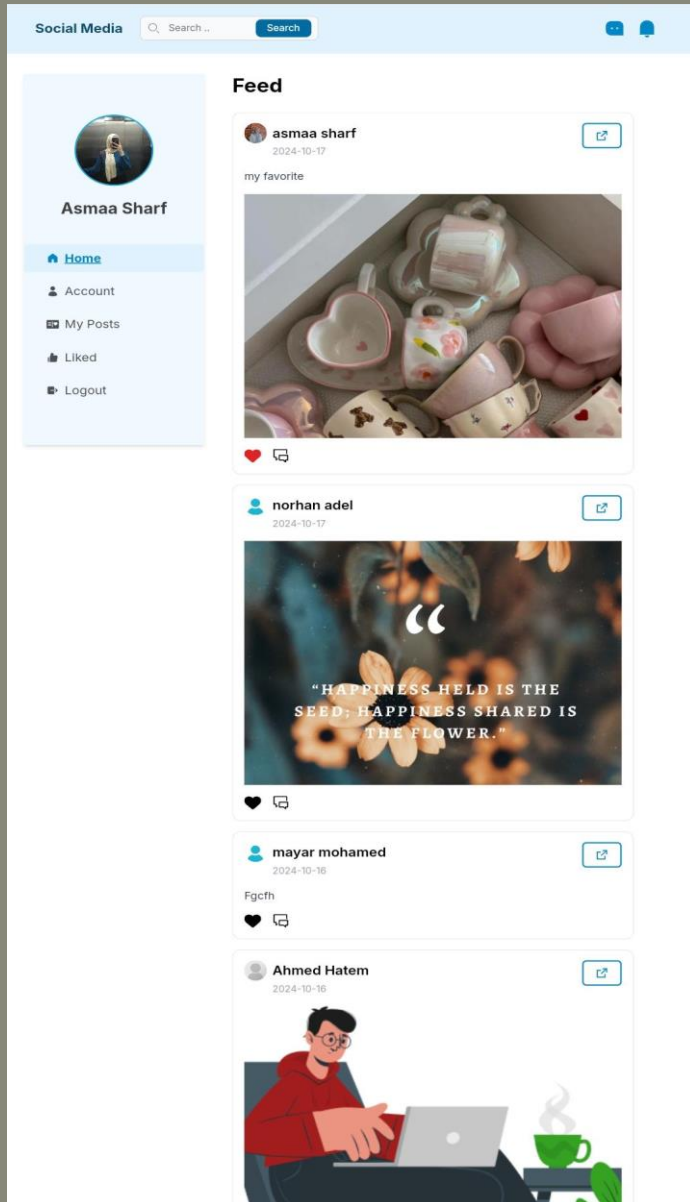
A signup form titled "Create Your Account" with a blue header. It contains several input fields: "First Name", "Last Name", "Email", "Phone", "Password", and "Confirm Password". There is a "Choose File" button and a "No file chosen" text. Below the fields is a blue "Sign Up" button. At the bottom, there is a link: "Already have account? [login](#)".

## PROFILE PAGE



A profile page titled "Social Media" with a search bar and a "Search" button. The page is divided into two main sections: "My Account" and "User details". The "My Account" section includes a profile picture, the name "Asmaa Sharf", and a list of links: "Home", "Account", "My Posts", "Liked", and "Logout". The "User details" section includes input fields for "User details", "Email", "Phone", and "Password". There is a "Choose file" button and a "No file chosen" text. Below the fields is a blue "Save Changes" button. At the bottom, there is a link: "Update Password".

# Screenshots





# Project Links

- Frontend GitHub Repository:

[Social Media Platform](#)

- Backend GitHub Repository:

[Backend DEPI Project](#)

- Live Demo:

[Social Media Dashboard](#)

# Conclusion

The project successfully integrates a dynamic frontend with a secure backend to provide a social media dashboard for real-time analytics. The system is scalable, secure, and user-friendly.



The background features a light gray base with large, soft-edged organic shapes in muted red and sage green. A thin white line outlines a shape on the right. In the top left, there is a faint sketch of a leafy branch.

**Thank you**