Frontend

Concepts in MERN Stack project:

* Client side and Server side concepts
* Learn Practices implemented in Big stack companies that huge scaled apps
* Designing folder structure, maintain app for future upgrades
* Keeping the code readability clean

Skills to be gained from this project:

* For client side, Frontend design in React and css
* Implementing controlled input forms in React
* Managing your global state using React Redux Library
* Using React Router version 6
* For Backend, perform useful functionalities by connecting with MongoDB to your app
* For server side, we will use Express and Node.js
* For authentication system, we will implement JWT Authentication
* Performing Routing on server side.

Three parts:

1. Frontend
2. REST APi
3. Integration - Integrating the server side with client side and complete the final website.

REST APi

To handle the requests from the client side of our app

Things to be learnt:

1. Authentication of user from the server side
2. CRUD operations for users
3. how we can fetch the timeline post for a user according to his or her following users
4. we must sort them according to the dates
5. like and dislike a post
6. Create, read, update, and delete operations on the post

We will earn confidence on:

1. Request Handling
2. Making complex Mongo-DB queries
3. Performing Routing on the server side

Server Configuration: Index.js (Starting point) 🡪 Routes [Auth, User, Post] 🡪 Controllers

React, Node.js, JWT, React Redux

(Integrate both server and client side)

Concepts to be learned:

1. Performing Routing on client side using React Router Version 6
2. Global State Management using React Redux store
3. Store Persistence
4. Authenticating with JWT authentication tokens
5. Using Redux Thunk Middleware in our actions for asynchronous performance