

# personal project

## Ins-Clone

10.2023 - *Present*

- **Description:** Developed a full-stack web application inspired by Instagram, enabling users to create, view, and manage posts and profiles.
- **Backend:**
  - Built using **Express.js** to create a RESTful API.
  - Integrated **MongoDB** for data storage, utilizing Mongoose for schema definitions and database interactions.
  - Implemented JWT-based authentication for secure user login and route protection.
  - Developed models for users and posts with fields such as username, email, password, profile pictures, post images, and more.
  - Set up a modular route structure, segregating authentication, profiles, and post-related routes.
- **Frontend:**

Developed the frontend application using **React, Redux-toolkit, react router dom, styled-components, Material-UI.**

  - Designed a user-friendly interface with components such as Navbar, Home, and Post.
  - Implemented a dynamic navbar with features like search, notifications, and a dropdown menu for user-related actions.
  - Developed the Home component to display stories and posts, enhancing user interaction.
  - Utilized React Router for seamless navigation between different components and views.
  - **User Profiles:** Allowed users to create and customize their profiles. Users can upload avatars, update their bios, and view/edit personal information.
  - **Likes:** Implemented a feature for users to like posts, display the number of likes for each post, and update likes in real-time.

- **Creating and Sharing Posts:** Enabled users to create new posts, upload images, add descriptive text, and implemented pagination to load more posts.
- **Deployment & Infrastructure:**
  - Connected to a MongoDB database using a configuration file, ensuring a modular and maintainable codebase.
  - Set up CORS for handling cross-origin requests, ensuring frontend-backend communication.

Summary

Skill set

Work experience

Team project

personal project