

Anirban Samaddar

React Developer



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🌐 <https://anirbansocialmediaapp.netlify.app/>

Enthusiastic and self-motivated web developer, working with frontend technology of React with Typescript. Eager to look for new opportunities and bring my skill in frontend development, and logical reasoning to every project that will be received in the future. Very interested to face new challenges in order to learn more and add to my skills. Hopeful to work in backend side as well.

Work Experience

Intern at ARC Document Solutions

4th July 2023- Present

- Developed proficiency in React JS and Typescript by actively contributing to the modernization of an outdated web application; authored critical logic codes in React TypeScript, resulting in improved performance and enhanced functionality for users.
- Developed a customer business interaction responsive page and implemented industry level concepts such as Redux with saga middleware and Infinite Scroll. Also implemented google maps API for a location map functionality with AES Encryption to hide confidential company data.
- Developed a Instant Download UI functionality using redux saga in a web application called Skysite Projects. Skysite projects is a web application of this company.
- Orchestrated the seamless integration of a React page into a .NET application, collaborating closely with senior colleagues to successfully accomplish this complex task, resulting in improved user experience and increased customer engagement.
- Worked on new industry level UI components such as MUI react and implemented functionality such as Pagination and Server side sorting.

Intern Fundraiser at Muskurahat Foundation

March 2021-May 2021

- Worked as a Fundraiser for a NGO called Muskurahat Foundation which raised money for poor kids for their education purpose and Well being.
- Became the second intern to manage to bring in more than 20k in donations.

Education

B.D.M.International

2017

- General(CBSE class 10)
- CGPA: 8.6

National High School

2019

- Computer Science (CBSE class 12)
- Percentage: 69.67%

Future Institute of Technology

2019-2023

- Bachelor of Technology, Computer Science Engineering
- CGPA: 9.04

Skills

- Tech Stack-
React HTML CSS JavaScript TypeScript
- Programming Languages-
C/C++ JavaScript
- Problem-solving
- Creativity
- Time Management
- Eye for Detail

Personal Project

Full Stack Social Media Application

I developed a robust social media application using cutting-edge technologies such as **React with TypeScript, Express.js, and MongoDB Atlas**.

Tech Stack Expertise:

1. Leveraged React with TypeScript for a dynamic and responsive front-end, implementing Material-UI (MUI) components for a sleek and modern user interface.
2. Employed Express.js for the back-end, utilizing MongoDB Atlas for scalable and efficient data storage, with two main collections - 'users' and 'posts'.

Secure Authentication and Authorization:

1. Implemented JWT token-based authentication for secure user login, enhancing application security.
2. Employed Bcrypt for password encryption, ensuring the protection of sensitive user data.

Advanced State Management:

1. Utilized Redux with TypeScript for efficient state management, optimizing data flow and enhancing the application's scalability and maintainability.

Media Handling and Interactivity:

1. Integrated React Dropzone and Multer for seamless handling of images, enabling users to upload and share multimedia content.
2. Developed key social features including post creation, liking, commenting, user search, and friend management, fostering a dynamic and engaging user experience.

Conclusions:

- Developed a strong command over the React, Express.js, and MongoDB Atlas stack, showcasing the ability to create end-to-end applications with a modern and responsive user interface.
- Acquired skills in implementing secure authentication using JWT tokens and password encryption with Bcrypt, ensuring the confidentiality and integrity of user data.
- Demonstrated advanced state management capabilities through the utilization of Redux with TypeScript, optimizing data flow and paving the way for scalable and maintainable applications.
- Gained hands-on experience in integrating React Dropzone and Multer for efficient media handling, a crucial skill for projects requiring multimedia content.
- Successfully developed and integrated key social features such as post creation, liking, commenting, user search, and friend management, showcasing the ability to build engaging and interactive user experiences.

Links:

1. *Hosted Application:* <https://anirbansocialmediaapp.netlify.app/>
 2. *Github Frontend Repository:* <https://github.com/roasted-tum0r/socialmediaapp>
 3. *Github Backend Repository:* <https://github.com/roasted-tum0r/socialmediabackend/tree/master>
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