



# Minhajul Arefin Fahim

## Web Developer

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🔗 [github.com/fahim](https://github.com/fahim) 🖱 Portfolio

## Objective

I'm a reliable and dedicated individual with a strong interest and a solid grasp of web technology. I'm on the lookout for an opportunity to begin my career. I'm excited to learn and grow as a professional web developer. I just learned MERN stack technologies and did some projects as part of my learning. I have the ability to think logically and adapt quickly. I'm also a team player, ready to make valuable contributions.

## Skills

### Front-end Technologies:

Html, CSS, JavaScript, React.js, Tailwind CSS, Redux ,  
React Router , TanStack Query (React Query)

### Database

Mongodb, Mongoose (ODM)

### Version Control

Git, GitHub

### Back-end Technologies:

Node js , Express js

### Programming Languages

JavaScript , C, C++

### Soft Skill

Quick learner, Hard Working, Adaptable, Coding Efficiency

## Projects

### MetroShelter, real estate marketplace

2023 Nov – 2023 Dec

The Real Estate Management Website serves as a one-stop solution for property management needs, providing a platform for property owners to list their properties and for users to easily find, explore, and engage with real estate opportunities.

- **Separate Dashboard (User, Agent, Admin) :**

Each category of users has their dedicated dashboard functionalities. Regular users can make property purchases, agents possess the capability to add properties after receiving approval from the admin. The admin has the ability to oversee agent-uploaded properties, manage all user accounts and reviews. Additionally, the admin can detect fraudulent activity among agents, and if a user engages in fraudulent behavior, they are restricted from adding any further properties.

- **Integrated Map System :**

Added a cool feature: a map that lets agents easily pick where a property is located when they upload it. This makes sure the property is shown accurately and looks good for potential buyers. Users can locate any property through the map system.

- **Integrated Payment System :**

Implemented and integrated Stripe payment system to streamline financial transactions, enhancing user experience and ensuring secure and efficient online payments.

- **Technologies Used:**

Mongoose, Express js, React js , Tailwindcss, Tanstack Query , React Query, React hook form, React Leaflet, React Stripe, JWT, Firebase, Cloudinary

- **Live Link** [🔗](#) | **Github Client Side Link** [🔗](#) | **Github Server Side Link** [🔗](#)

### JobZen, job portal

2023 Nov – 2023 Dec

A job portal platform where users can create, manage, and search for job posts. They have the flexibility to both post their own job listings and apply directly to available positions, while also maintaining control over their personal job postings.

- **Token based authentication and authorization:**

- JWT token-based authentication simplifies user identity verification and access control in a project, enhancing security through a concise, self-contained format for transmitting claims.
- **File upload and download system:**
  - Candidates can apply for jobs by uploading their resumes, and job posters can retrieve applicant PDFs via a browser-based download system. The PDFs are stored in the Cloudinary cloud system, and their links are saved in the MongoDB database.
- **Email Service Integration:**
  - Integrated Brevo email sending service to improve communication within platforms, enabling automated emails and enhancing user experience. Applicant will be informed about their job application status through email when job upload accept/reject them.
- **Technologies Used:**
  - React, Tailwindcss, Express js, Mongoose (ODM), Tanstack query, React Query, React hook form, JWT, Firebase, Cloudinary.
- **Live link** [↗](#) | **Github Client Side Link** [↗](#) | **Github Server Side Link** [↗](#)

## The Atomic Blog, *blog site*

2023 Jun – 2023

- Atomic Blog is a straightforward web-based blogging platform designed to give users the power to create, search for, and read blog posts within a user-friendly environment. It provides tools for creating posts, a search feature, and the option to switch to a dark mode for customization. This project's primary aim is to showcase React optimization techniques. Initially, this project suffered from sluggish performance, but through the application of memoization (optimization methods), it has been transformed into a smooth and responsive experience. In this app, components are selectively cached using the "memo" function. Moreover, the "useMemo" and "useCallback" hooks are employed to cache specific elements and functions, reducing unnecessary re-renders and improve app speed.
- **Technology user:** React js with memoization technics

**Live Link** [↗](#) | **Github Link** [↗](#)

## Education

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**BSC in Computer Science and Engineering,**  
*United International University*

2018 – 2023

- **CGPA: 3.67/4.00**

## Languages

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### Bengali

Full working proficiency

### English

Highly working proficiency