

Md. Rashedur Rahman Refat

Beparipara, Tangail

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Personal Profile

A web developer, enthusiastic about creating professional web applications, and solving problems, always want to learn new things. I am eager to be challenged in order to grow and further improve my skills. My greatest passion is in life is using my technical know-how to benefit other people and organisations. I have a good knowledge in HTML, CSS, JavaScript and its frameworks such as React.js, Vue.js, Express.js, Node.js, data structure and algorithms. Furthermore, I am familiar with Java, and its OOP concepts.

Skills

Programming	JavaScript, C, C++
Frameworks, Database	Vue.js, Nuxt, Vuex, ReactJS, NodeJS, ExpressJS, MongoDB, PostgreSQL, TimescaleDB
Miscellaneous	Firebase, Git, Docker
Soft Skills	Time Management, Teamwork, Problem-solving, Engaging Presentation

Work Experience

Hyper Systems Ltd

Software Developer

Dhaka, Bangladesh

Dec 2022 - Present

- Developed and maintained front-end applications using Vue.js, Nuxt, Vuex, and Tailwind CSS.
- Implemented responsive and user-friendly interfaces to improve the overall user experience.
- Collaborated on building a microservices architecture using Node.js, TypeScript, PostgreSQL, Redis, and MongoDB.
- Designed and implemented RESTful APIs to facilitate seamless communication between services.
- Leveraged caching mechanisms with Redis to optimize application performance.

Projects

Remote Monitoring System

A professional web application focused on monitoring industrial parameters

- Had active involvement of the development and evolution of the web application 'Remote Monitoring System' for my company.
- It aimed to monitor environmental parameters in industrial settings and also has 'Access Control System' to integrate door and lock access controlling remotely.
- Implemented real-time data visualization of monitoring metrics such as temperature, AC/DC voltage, current etc. in graphical format.
- Integrated with various sensors and IoT devices, to collect data and provide live analytics.
- Developed RESTful APIs with TypeScript, Node.js and Express.
- Utilized PostgreSQL for data storage and Redis for caching.
- **Technologies Used:** Vue.js, Nuxt, TailwindCSS, ApexChart.js Node.js, TypeScript, Express, PostgreSQL, Redis

Vessel Management System

A real time Vessel Monitoring application

- Involved in another project for my company: a map-based Vessel Management System to track and monitor vessels in real-time.
- Implemented interactive maps using Google Maps API to display vessel positions, routes, and other relevant information.
- Developed a user-friendly interface for managing vessels, assigning routes, and generating reports.
- **Technologies Used:** Vue.js, Nuxt, Node.js, Express, Google Maps API, PostgreSQL, MongoDB

Vromon Kotha

A travel story sharing react web application

- A travel diary app where any authorised user can share stories. These stories are shown to all who access the site.
- Users can sign-up using email address.
- Users can edit or delete any story they have previously written.
- **Technologies Used:** ReactJS, HTML, CSS, React-Bootstrap, NodeJS, Express, MongoDB, Firebase.
- **Link:** [Live Site](#) | [Code](#)

Bloomskill

Course offering web application

- A number of courses are shown in homepage on technology and programming.
- Anyone can see the courses. To click on buying a course, users need to be authenticated.
- Courses can be filtered by categories.
- Google and Github authentication are also added using Firebase
- **Technologies Used:** ReactJS, HTML, CSS, React-Bootstrap, NodeJS, Express, Firebase.
- **Link:** [Live Site](#) | [Code](#)

Recipe Master

Developed for searching and finding best meal recipes

- Recipes are shown from MealDB api.
- People can search any ingredient to get meal recipes that include that ingredient.
- Any meal can be added as a favourite which are shown in favourite section.
- Category-wise recipes are also shown.
- **Technologies Used:** ReactJS, HTML, CSS, Tailwind
- **Link:** [Live Site](#) | [Code](#)

Quotes Eternal

A simple quote generator web application

- Random quotes are loaded.
- The quotes can directly be tweeted.
- A single random quote from any historical or significant figure is loaded by either an arrow button or on reload.
- **Technologies Used:** HTML, CSS, JavaScript, type.fit api
- **Link:** [Live Site](#) | [Code](#)

Education

Mawlana Bhashani Science & Technology University

MSc Engineering in Information & Communication Technology

Tangail, Bangladesh

2022 - Present

Mawlana Bhashani Science & Technology University

BSc Engineering in Information & Communication Technology

CGPA: 3.69

Tangail, Bangladesh

2016 - 2022

Certifications

CSS [Hackerrank CSS Certification Link](#)

JavaScript [Hackerrank JavaScript Basic Certification Link](#)

React [Hackerrank React Basic Certification Link](#)

Online Judge

Beercrowd [Beercrowd profile stats](#)

Leetcode [Leetcode profile stats](#)

UVA Online Judge [UVA Online Judge profile stats](#)

Hackerrank [Hackerrank profile](#)

Languages

Bengali Native proficiency

English Professional proficiency

Extra Curricular Activities

- Member of the **IEEE MBSTU** Student Branch
- Attended workshop on Basic Web Development
- Organiser of different events

References

Sahiqur Rahman Tipu

Sr. Software Engineer, Hyper Systems Limited

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