

Md. Rashedur Rahman Refat

Mirpur, Dhaka

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Personal Profile

Full Stack Developer enthusiastic about creating professional web applications, adept in JavaScript and TypeScript. Integrates backend functionalities seamlessly using React.js, Next.js, Vue.js, and Nuxt.js for building intuitive user interfaces. Committed to delivering high-quality, performance-optimized applications to meet user expectations. Also experienced in crafting robust server-side solutions using Node.js, Express, PostgreSQL, and Redis. Worked with Docker for seamless deployment and orchestration.

Skills

Programming	JavaScript, TypeScript C, C++
Frameworks, Database	React.js, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, MongoDB, PostgreSQL
Miscellaneous	Git, Docker
Soft Skills	Time Management, Teamwork, Problem-solving, Communication

Work Experience

Hyper Systems Ltd

Dhaka, Bangladesh

Software Developer

Dec 2022 - Present

- Developed and maintained back-end using technologies like NodeJS, Typescript, Express, PostgreSQL, MongoDB, Redis, Docker.
- Designed and implemented RESTful APIs to facilitate seamless communication between services.
- Collaborated on building a microservices architecture
- 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.

Projects

Remote Monitoring System

A professional web application focused on monitoring industrial parameters

- It aimed to monitor environmental parameters in industrial settings
- '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.
- Generate excel report for the metrics data
- **Technologies Used:** Vue.js, Nuxt, TailwindCSS, ApexChart.js Node.js, TypeScript, Express, PostgreSQL, Redis

Vessel Management System

A real-time Vessel Monitoring application

- A map-based Vessel Management System for tracking and monitoring vessels in real-time.
- Developed a user-friendly interface for managing vessels, assigning routes, and generating reports.
- **Technologies Used:** Vue.js, Nuxt.js, Node.js, Express, Google Maps API, PostgreSQL, MongoDB

Offline Meter Portal

A portal for offline meter data

- Display transaction data in tabular format
- Generate excel and pdf of those data
- Handle login sessions using Nextauth
- **Technologies Used:** React.js, Next.js, Node.js

Vromon Kotha

A travel story sharing react, node 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.
- **Technologies Used:** React.js, HTML, CSS, React-Bootstrap, NodeJS, Express, MongoDB, Firebase.
- **Link:** [Live Site](#) | [Code](#)

Bloomskill

Course offering web application

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

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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