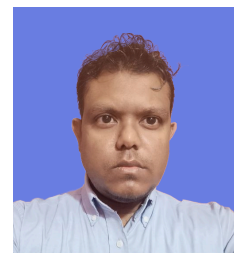


Riajul Islam

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[LinkedIn](#) | [Github](#) | [Portfolio](#) | [YouTube](#)



WORK EXPERIENCE

IT Assistant Manager

Jan 2018 – June 2018

Ayman Group | Gazipur, Bangladesh

- Designing and Managing Network for 200 people in the factory.
- PC Building and Troubleshooting
- Server Management for File and Printer Sharing
- Related application installation and configuration

LIVE PROJECTS

Messenger-Clone ([Demo on Youtube](#))

[View in GitHub](#)

- Instant messaging via `Socket.io`
- Audio messaging + Emoji messaging
- Audio/Video Call via `WebRTC`
- Large File-Sharing (up to 2GB) via `WebRTC DataChannel`
- Show incoming call and outgoing call dialog
- Authenticated by AccessToken + RefreshToken and store in cookie (server-side access only)
- Streaming files (audio/images) from server (so that server not crush on large file)
- Image cropping before upload + handle files in `Server-Worker` to free main thread
- ... more in the project readme.md file

Video Calling App ([Demo on Youtube](#))

[View in GitHub](#)

- Video Call via `WebRTC`
- Messaging via `DataChannel`
- Show incoming call and outgoing call dialog
- Prevent 3rd user if he try to call those who already engaging in calling already

Twitter Clone ([Demo on Youtube](#))

[View in GitHub](#)

- Mimicking Twitter (Social Media platform.)
- Here we handle 3 types of rendering by Pug (like Next.js), ServerSide-Rendering, ClientSide-Rendering, and Hydration (Render half in ServerSide and Other half in clientSide).
- Responsive Design By Tailwind, Update UI via AJAX request and Real-Time Chatting via WebSocket.
- Handling both ServerSide validation and ClientSide validation with Global Error Handling System provided by Express.js.
- Store Data into MongoDB database with mongoose Driver

- Following MVC architecture pattern for reusable and clean code.
- With Session Based Authentication via *Passport.js*

Rick and Morty

[View in GitHub](#)

- It was a coding challenge provided by **Limon Hive**. The main focus was CSS styling
- Tricky Frontend UI design challenge
- Cut a square block with clip-path then providing a gradient border.
- Consuming `Rick-and-Morty` API and Render the UI by pagination.
- I got 3rd prize which was shared on the LinkedIn platform.

Next Amazona | Shop-Next-TS-GraphQL

[View in GitHub](#)

- Both are Complete Ecommerce Application with Stripe Payment Gateway integration.
- Dynamic Form + Validation
- State management by Redux Toolkit
- Authorization by JSON WebToken
- Global Error Handling
- Upload Image with preview, drag and drop multiple image upload
- Designing UI with Material UI + Dark Mode
- Pagination + Filter + Search + Rating...
- Infinite Scrolling instead of Pagination
- send Mail (development: mailtrap, in Production: sendGrid)

CERTIFICATIONS

Top Coder Challenge 2022!

[View credentials](#)

Limeon Hive | Mohakhali DOHS, Dhaka

EDUCATION

Diploma in Engineering (Electrical) - *Electricity*
Dhaka Polytechnic Institute (DPI), Dhaka, Bangladesh

Jun 2013 - July 2018

SKILLS

React | Next.js | Node.js | Express.js | Pug Template | Tailwind-CSS | Material-UI | JavaScript | TypeScript | Socket.io | WebRTC | Git, GitHub | Docker | Problem Solving | CCNA Routing And Switching | CCNA Wireless | Linux (ubuntu, centos) | Bash | Vim