



**Md. Saiful Islam**

FULL STACK DEVELOPER

## GOAL

Want to be more expert in  
ReactJs, NodeJs, and AWS

## GET IN TOUCH

Dhaka, Dhanmondi

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[Portfolio Website](#)



## SKILLS

### Programming Languages

JavaScript, Python, C/C++, Go

### Frameworks(Backend)

ExpressJs, NestJs, DRF, Beego

### Frameworks/Libraries(Front-end)

ReactJs, Redux toolkit with  
RTK Query, NextJs

### Databases

MongoDB, DynamoDB,  
MySQL, PostgreSQL

### AI and LLM Agents

CrewAI, Aws Titan, Bedrock,  
, Flux

### ORM/ODM

Mongoose, Prisma

### Os/Server Tools

Windows, Linux, AWS (EC2,  
S3 bucket, Amplify, Lambda,  
SQS)

### Management Tools

Jira, git, Trello

## WORK EXPERIENCE

### W3 ENGINEERS LTD.

Software Engineer

Dec-2023 - Present

- **Technology:** NextJs, Python (DRF), LLM Agents (AWS bedrock, CrewAI), AWS (S3, Route 53)
- **Responsibility:**
  - Building AI-based website builder with Grapesjs
  - Taking responsibility to build SDK-based widget bot to track microsite performance and revenue using GTM
  - Build Search Index project for automatically GSC and bing indexing
  - Lead Agentic AI (CrewAI) development team
- **Challenges:**
  - Handling a large amount of site URLs for processing indexing requests.
  - Database scaling to support more than 30 million URLs.
  - Customized plugins and sdk build for AI website builder

### SPRING RAIN PVT. LTD.

Software Engineer

Jan-2023 - Nov- 2023.

- **Technology:** KoaJs, AWS (SqS, SNS), ReactJs, Redux toolkit, docker, Dynamodb, CRM (MS)
- **Responsibility:**
  - Mainly build a few services' RestAPI using Koa.js.
  - Adjust the UI according to the new API.
  - RND for internal products and also wrote SRS for database design.
- **Challenges:**
  - Unit test using Jest and CRM (Microsoft Dynamics).
  - Understand FinTech solutions and domain understanding of FinTech.
  - KYC for the onboarding client and different subscriptions as well as payment methods.

### RENSSOFT SOLUTION LIMITED

Software Developer

Feb-2021 -Dec-2022

- **Technology:** ReactJs, Nodejs, ExpressJS, GraphQL, TypeScript, AWS (S3, amplify, lambda, cognito, elasticsearch, dynamodb)
- **Responsibility:**
  - Building in-house agent management system from scratch
  - Write reusable code for the flagship product, Digital RX (Digital Prescription Writing Application).
  - Take project ownership.
- **Challenges:**
  - Requirement analysis from agents and turning it into code.
  - Collaborate with management and discuss with teammates.
  - Sprint planning also sync with marketing team for new requirements

## EDUCATION

### BSc. Information and Communication Engineering

Noakhali Science and Technology University

CGPA: 3.53

Learn from here C, C++, OOP, Discrete Math, Data Structure, advanced database design, etc.

### HSC

Ideal College, Dhanmondi

GPA: 5:00

## JOB PROJECTS

### Clubswan

- Fintech-based company
- Technology used: ReactJs, KoaJs, dynamoDB, AWS (S3, SQS), Microsoft Dynamics (CRM).
- Company: Spring Rain Private Ltd.

### doctorkoi.com

- Health Tech-Based company
- Technology used: ReactJS, MUI, AWS (S3, Amplify, Cognito, Lambda), ExpressJS, GraphQL etc.
- project link: [click here](#)
- Company: ResSoft Solution Ltd

# PERSONAL PROJECTS

## PC Builder

- Users can log in through GitHub and build their own dream PC and also can see different categories of products and their reviews.
- Technology used: ReactJs, ExpressJs, Mongoose, Typescript, Redux toolkit with RTK query, firebase authentication
- Practice project on deep DB query with Redux toolkit and RTK query.
- Project Link: [Click Here](#)

## Book Shop

- See book details, search, filter, and make favorite books; also add an author.
- Technology used: ReactJs, ExpressJs, Mongoose, Typescript, Redux toolkit with RTK query, firebase authentication
- Practice project on deep DB query with Redux toolkit and RTK query.
- Project Link: [Click Here](#)

## Hot Onion Restaurant

- Online food shop where can order food
- Technology used: ReactJs, Bootstrap 4, Stripe payment, Expressjs, MongoDB, Firebase hosting, and auth.
- Practice project on MERN
- Project Link: [Click Here](#)

## Doctors' Portal

- Patient can book appointment and doctor can manage appointment and prescriptions
- Technology used: ReactJs, MUI 3, Expressjs, MongoDB.
- Practice project on MERN
- Project Link: [Click Here](#)

## Saifuls' Portpolio

- Personal portfolio website
- Technology used: HTML, SCSS, RAW JS.
- Practice project on MERN
- Project Link: [Click Here](#)

## Quick Quiz

- Can take an online quiz exam.
- Technology used: Raw JS, HTML, CSS,
- Practice project on raw JS to learn DOM manipulation.
- Project Link: [Click Here](#)