



S M Riasat Ali

Software Engineer

Full-stack developer currently working with MERN (MongoDB, Express JS, React JS, Node JS) Stack. Also experienced in cross-platform mobile app development using React Native. Skilled at designing SQL and NoSQL database schema, developing API, and creating single-page front-end applications with the ability to solve programming problems using Data structures and algorithms. He is a freelancer at Toptal where only 3% of the world's talent gets a chance to work.

WORK EXPERIENCE

- **Software Engineer.**

Riverus Technology Solutions Private Limited (Toptal)

Kolkata, India (Remote)

February 2022 – June 2022

Riverus is an AI-based legal document processing management system with the ability to negotiate with opposition parties.

- Implemented Keycloak-based authentications for document processing platform for React and Node.js with multiple Keycloak realm authentication systems for secured role-based access control.
- Added Slate.js as a text editor with the ability to edit a document.
- Implemented user-friendly front-end features and developed APIs using Express.js for supporting those features.
- Developed a new feature called 'Negotiation' where 2 different party can negotiate different terms based on a uploaded legal document and finally after completing the negotiation can sign.

- **Software Engineer.**

Impact Tapestry (Toptal)

<https://impacttapestry.com>
Philadelphia, USA(Remote)

February 2021 – December 2021

Toptal is an exclusive network of the top freelance software developers. Impact tapestry (<https://impacttapestry.com>) is a web-based social media management tool where users and organizations can meet each other based on different impact areas for different projects/ events.

- Developed API for this social media management tool. Used Facebook, Twitter, Linked-In API, and project to let the organization manage their posts on those social media.
- Designed user friendly and responsive UI for making users from different community and used various charts for organizations to have idea about their progress/impressions.
- Used Mongoose as ODM for MongoDB to design NoSQL database schemas with ensuring large scale data as the site will have thousands of posts for thousands of organizations.

- **Software Engineer.**

Emedi

Dhaka, Bangladesh (Remote)

May 2020 – January 2021

Emedi is a platform for medical-related applications, such as medicine e-commerce shops, telehealth, etc.

- Emedi is an android e-commerce mobile application. Worked on this project using React Native, Node JS, Express JS, and PostgreSQL. Added Slate.js as a text editor with the ability to edit a document.
- Emedi-admin is a web-based admin panel for managing products, orders, and customers. Worked on this project using React JS, Node JS, Express JS, and PostgreSQL.
- Emedi-V2 is an android application for doctor's appointments and online treatment. Used React Native, Node JS, Express JS, and PostgreSQL.

SKILLS

Problem Solving: Algorithm, Data Structure

Front-end: Next JS, React JS, Redux, HTML, CSS, Bootstrap

Back-end: Node JS, Express JS, Nest JS

Database: MongoDB, PostgreSQL

Mobile: React Native

Coding: C, C++

Library: Mongoose, Sequelize

Server: VPS (Linux, CentOS)

Tools: Docker



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<https://github.com/Superstorm42>

INTERESTS

Programming Contests

- Software Engineer.

Datagrid Ltd

Dhaka, Bangladesh

September 2018 – September 2020

Data Grid Limited (DGL) has succeeded in securing a long-term relationships with a number of leading clients locally and internationally.

- GBARI (www.gbari.com) is an online platform for home design, decoration, and redecoration. Used React Js, Redux, Node Js, Express Js, and MongoDB on this project.
- E-store is a cross-platform e-commerce mobile application. Worked on this project with woo-commerce and React Native.
- Developed Online Client and Job management system using ASP .NET and SQL Server.

EDUCATION

- Bachelor Of Science on Computer Science and Engineering.

Khulna University

Khulna, Bangladesh

June 2014 – August 2019

I completed my BSC from here with a lot academic achievements.

- Completed various theory and lab courses such as Data structure, Algorithm, Object Oriented Programming, Software engineering, Artificial Intelligence, Machine learning, Image processing with a total of 160+ credits.
- Worked on multiple projects on different courses such as desktop-based employee management system with attendance system, online small money management system, university course registration system etc. I mostly used C# and ASP .NET for those projects.
- Completed thesis on Image processing on spectral image for diabetic retinopathy detection from retinal spectral images.
- Participated in various programming competitions on behalf of my university. Also participated on more than hundreds of online coding contests during my university period.

CERTIFICATES AND ACHIEVEMENTS

- ITEE FE2 Full Pass Certificate(IPTEC) 2018 - Present
- Node.js Advanced Concepts(Udemy) 2019 – Present
- NestJS Zero to Hero-Modern Typescript Back-end Development(Udemy) 2020 - Present