

MD SAIFUR RAHMAN

Software Engineer

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🎓 EDUCATION

12-2017 – 01-2023	B.Sc. in Software Engineering <i>IIT, Noakhali Science and Technology University</i> ⓘ CGPA: 3.63 (in scale of 4) Up to 4th year 1st semester	Noakhali, Bangladesh
06-2015 – 07-2017	HSC - Higher Secondary School Certificate <i>Ispahani Public School and College</i> ⓘ Major: Science, Obtained GPA: 4.83 (in scale of 5)	Cumilla, Bangladesh

📁 PERSONAL PROJECTS

06-2023 – present	University Management System ⓘ <i>Developed an Automated University System Management with TypeScript</i> University System Management is a comprehensive software solution designed to automate and streamline various aspects of managing academic semesters, departments, faculty, students, and teachers within a university system. # Typescript, Node.js, Module Pattern, Mongoose	
11-2022 – 05-2023	MediQuick ⓘ <i>Blockchain Based Counterfeit Drug Detection System</i> MediQuick is a blockchain-based system with the aim of ensuring patient safety and protecting public health. # React JS, node.js, JWT, MVC, Web3.js, Truffle, Ganache	
11-2022 – 11-2022	Auraro ⓘ <i>MERN stack project</i> Auraro is an e-commerce project focused on furniture resale, built using the MERN stack. # React JS, Node.js, MongoDB, Firebase	
07-2022 – 09-2022	Story-API ⓘ <i>Spring boot project</i> Story-API is a blogging web application developed using the Spring Boot framework, allowing users to share their personal stories. # React JS, Spring Boot, JUnit 5, MySQL	
11-2022 – 11-2022	MEDICARE ⓘ <i>MERN stack project</i> MediCare is a healthcare project developed using the MERN stack, that allows users to view available time slots for doctors and book appointments. # React JS, Node.js, MongoDB, Firebase	
10-2022 – 11-2022	GENIUS-CAR ⓘ <i>MERN stack e-commerce project where a user can buy or sell second-hand cars.</i> # React JS, node.js, Firebase, JWT, MongoDB	
05-2022 – 06-2022	BLOG-ZONE ⓘ <i>Blog Zone is basically a blog website where we can see the different types of blogs. A blogger can post to the website and visitors can view the blog.</i> # React JS, Node.js, MVC, MySQL, Sequelize, JEST	

ACADEMIC PROJECTS

02-2020 – 10-2021	University BoiGhar  <i>PHP project</i> This project is to provide an automation service for buying books, and selling old books, easily can buy academic all books, earn money from websites and get free academic books. # PHP, Bootstrap 4, MySQL
08-2020 – 09-2021	E-Shop  <i>PHP project</i> This is an online e-commerce website by which we can do shopping from home without losing time and money. One feature is buying products with one click. # PHP, Bootstrap 5, MySQL
04-2021 – 05-2021	Automated Student Result Sheet maker  <i>PHP project</i> Automated Student Result Sheet Maker is a web application that automates the student result sheet-making process and also a secure application because it's all input fields are validated. This application is secure from SQL injection and XSS attacks. # PHP, Bootstrap 4, MySQL
08-2019 – 11-2019	MediQuick  <i>SRS Documentation</i> MediQuick project is to provide the automation service of reservation of doctor schedule, Prescription of the doctor, lab management, and various other features. This is not implemented and only SRS documentation.

PROFESSIONAL EXPERIENCE

10-2021 – 12-2022	Software Engineer Affordable Life	Auckland, New Zealand
04-2022 – 10-2022	Trainee Software Engineer CEFALO Bangladesh Ltd.	Dhaka, Bangladesh

SKILLS

Language

Bangla, English

Databases

MySQL, MongoDB, Firebase

Operating System

Windows, Ubuntu, Kali-Linux, Parrot OS

Programming Languages

C, C++, Java, JavaScript, TypeScript, PHP, Python, R

Web Development

HTML5, CSS3, Bootstrap, Tailwind CSS, React-bootstrap, daisyUI, Flowbite, Rest API, React JS, Express JS, Sequelize, mongoose, Node.js, JEST, Spring, Spring Boot, JUnit 5, WordPress

Tools

GitHub, Slack, Docker, Postman

WORKSHOP / CERTIFICATE

12-2022 – 01-2023	Mastering TypeScript - 2022 Edition <i>Udemy</i>
06-2022 – 12-2022	Complete Web Development Course With Jhankar Mahub <i>Programming Hero</i>
05-2020 – 01-2021	Cyber Security <i>Arena Web Security</i>

07-2018 – 12-2018 **Web Development**
Institute of Information Technology, NSTU

02-2018 – 06-2018 **Web Design**
Institute of Information Technology, NSTU

PERSONAL SKILLS

* Hard-working & honesty

* Problem solving

* Good communication skills

* Time Management

* Ability to build good relationships with people

* Teamwork

* Continuous Learning

* Leadership

MAJOR COURSE COMPLETED

Discrete Mathematics, Introduction to Software Engineering, Soft Skill Communication

Data Structure, Object Oriented Concepts

Algorithm Analysis, Theory of Computation, Numerical Analysis for Engineers, Computer Networks

Software Requirements Spec. and Analysis, Information Security, Database Management System

Data Science and Analytics, Design Pattern, Web Technology, Professional Ethics for Information Systems

Software Testing and Quality Assurance, Software Metrics, Software Design and Architecture, Soft-ware Security, Distributed Systems, Artificial Intelligence

Software Project Management, Software Maintenance, Applied Data Science

CO-CURRICULAR ACTIVITIES

03-2020 – present **IT Club**
Program Secretary

10-2022 **CEFALO Code Smash, Programming contest**
Participate

02-2020 – present **BASIS**
Member

03-2019 **Pie day Programming Contest**
Organized by CSTE, Participate

08-2019 **Programming Contest**
Organized by CSTE, Participate

REFERENCES

Md Taief Imam, *Software Engineer, QA, Therap(BD) Ltd.*
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Md. Iftekharul Alam Efat, *Assistant Professor, IIT, Noakhali Science and Technology University*
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