

Muhammad Rafi

Software Engineer

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: Chowmohoni, Agrabad, Chattogram

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TECHNICAL SKILLS

Programming Languages : JavaScript, TypeScript, Python, PHP, C/C++

Frontend : Reactjs, Nextjs, Tailwind CSS

Backend : Express.js, Node.js, Laravel

Databases : MongoDB, PostgreSQL

Dev Tools : Visual Studio Code, Git, Postman, Docker

Concepts : OOP, Data Structures & Algorithms

EXPERIENCE

Web Developer (Internship)

Oxyjon

Apr 2022 – Nov 2023

Remote — Gurgaon, Maharashtra, India

- Designed and developed dynamic, responsive websites using **HTML, CSS, JavaScript, PHP, and Laravel**, achieving a 30% increase in user engagement and a 20% decrease in bounce rates.
- Integrated RESTful APIs to fetch and display real-time data from databases, improving user experience with up-to-date information while reducing data access times.
- Converted existing web applications into Responsive Progressive Web Apps (PWAs), increasing mobile conversion rates by 25%.

Backend Developer (Contract)

Global Technologies Solutions Pakal

May 2023 – Aug 2023

Remote — Alvaro Obregon, Mexico City, Mexico

- Developed and deployed 15+ RESTful APIs using **Node.js** and **Express.js**, optimizing data retrieval and processing, resulting in a 40% reduction in response times.
- Implemented REST APIs to fetch and display real-time data from **MySQL** databases in **React** applications, enhancing data accessibility and boosting user engagement by 15%.
- Designed and optimized **MySQL** database schemas, reducing query execution times by 25% and improving overall system efficiency.

PROJECTS

Business Dictionary App

React.js, Node.js, Express.js, MySQL, Git, AWS

[Live Link](#)

[Source Code](#)

- Engineered a robust backend with **Node.js** and **Express.js** to process API requests efficiently, ensuring fast and reliable data delivery.
- Developed an intuitive, responsive frontend in **React.js**, improving usability and navigation.
- Designed and implemented a **MySQL** database to manage user and business data, optimizing query performance.
- Integrated AWS S3 for image storage and retrieval, enabling scalable media handling.
- Configured AWS Amplify and Cognito for secure authentication and hosting.
- Utilized **Docker** for containerized deployment, ensuring scalability and consistent environments.

Inventory Management System

PHP, Laravel, MySQL, Ajax, Git

[Source Code](#)

- Led the development of a full-featured inventory management platform to maintain real-time tracking of orders and product stock within an e-commerce environment.
- Created and optimized API endpoints in **Laravel** supporting POST, GET, PATCH, and DELETE operations, enhancing system functionality and data interaction.

LEADERSHIP & ACTIVITIES

Vice President — Technical Support

IEEE Computer Society, Premier University Student Branch Chapter

Jul 2025 – Present

Chattogram, Bangladesh

- Provide technical leadership and guidance for branch activities, ensuring smooth execution of events and workshops.
- Coordinate with members to implement innovative solutions for chapter operations and outreach.

Division Lead — Software Engineering Wing

Premier University Computer Club

Jan 2025 – Aug 2025

Chattogram, Bangladesh

- Led a team of developers in building and maintaining club web projects.
- Conducted coding classes to enhance members' skills in modern web technologies.

EDUCATION

Premier University, Chattogram

Bachelor of Science in Computer Science and Engineering

Chattogram, Bangladesh

Dec 2021 – Dec 2025

Kazem Ali School And College

Higher Secondary School Certificate (Science)

Chattogram, Bangladesh

Jan 2018 – Dec 2020

CERTIFICATIONS

- Professional Web Development with PHP Laravel
- ReactJs - The Complete ReactJs Course