

# Md. Suman Sarkar

## Software Engineer

### PERSONAL DETAILS

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 Tejgaon Industrial Area,  
29/C & 29/D, Dhaka

### EDUCATION

**M.SC. In CSE (2.76) - 2018**  
*Islamic University.*  
– Kushtia, Bangladesh.  
**B.SC. In CSE (3.04) - 2017**  
*Islamic University.*  
– Kushtia, Bangladesh.

### KEY SKILLS

JavaScript

React.js

Next.js

TypeScript

Nest.js

### TRAINING

Web Development with React,  
Next, Prisma  
*Ostad Ltd, Dhaka.*

- Gained strong foundation in state management.
- Performance optimization with caching, revalidation, lazy loading, image optimization, and font optimization.
- Enhanced understanding of Vue Router for efficient routing and navigation.
- Developed proficiency in state management with Context API.
- Gained experience in component-based architecture and reusable components.
- Payment gateway integration with SSL Commerz and AmarPay and bKash.

### SUMMARY

Self-motivated and performance-driven Web Developer about 4+ years of experience building web applications, updating existing web applications, and fixing bugs. I have worked extensively on various stages of application development by creating & implementing application architecture which includes various stages in development, code signing, and releasing to market and collaborative environments for the web platform.

### PROFESSIONAL EXPERIENCE

**Software Engineer** at [MononSoft Ltd. \(A Sister Concern of JMI Group\)](#)

Dec 2021 - Present

52 New Eskaton Road, Dhaka-1000.

- Developing an ERP system based on **React.js** and **Laravel**.
- Hands on experience of building **Production Planning (PP)**, **Material Management (MM)**, **Finance and Controlling (FICO)** module.
- Creating and implementing the source code of new applications.
- Testing source code and debugging code.
- Evaluating existing applications and performing updates and modifications.
- Developing technical handbooks to represent the design and code of new applications.

### SKILLS & EXPERTISE

- Develop, maintain, and optimize reusable frontend components using **React** and **Next.js** (App Router).
- Implement responsive and interactive UIs in collaboration with product designers and backend teams.
- Use **TailwindCSS**, CSS, and styling libraries to build clean, scalable UI systems.
- Architect frontend codebases following industry best practices, design patterns, and performance standards.
- Work with micro frontends and micro repo/mono repo structures to build large-scale modular applications.
- Build and maintain internal design systems and component libraries.
- Utilize **TypeScript** to write readable, maintainable, and strongly typed code.
- Optimize application performance, SEO, and overall user experience.
- Work with state management libraries and **TanStack Query** for client/server state synchronization.
- Maintain high code quality using linting tools, formatting standards, and Git workflows.
- Participate in release processes and CI/CD pipelines for smooth deployments.
- A solid foundation on **OOP**, **Algorithm**, **Data Structure**; knowledge of **REST APIs**.
- Experienced with **PostgreSQL**, **MongoDB**, **MySQL**, **Prisma**; **SDLC** and **Agile** methodologies.
- Version control with **Git**, **Bitbucket**, **GitHub**; basic knowledge of **AWS**.
- Problem-solving skills; self-managed, independent, and proactive.

### PROJECTS

- E-learning platform using Nest.js, Next.js and Prisma.
- Multivendor eCommerce website for online shopping using React.js and Next.js.
- POS application for inventory management using React.js and Next.
- Realtime chat application using React.js and Express.js.

### LIVE PROJECTS

**Cybernetics IT BD**

[cyberneticsitbd.com](http://cyberneticsitbd.com)

**Discount Shop (Pagoole)**

[discountshop.pagoole.com](http://discountshop.pagoole.com)