



Al Shahoriar

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EDUCATION

North South University
BSc in CSE

2018 – 2024 | Dhaka

SKILLS

Programming Language
JavaScript, TypeScript.

Core Programming Fundamentals
Object-Oriented Programming (OOP), SOLID Principles, Data Structures & Algorithms.

Authentication & Authorization
JWT Authentication, Authorization, NestJS Guards & Interceptors,
Security Best Practices(Password hashing with bcrypt)

Frameworks & Libraries
React.js, Bootstrap, Node.js (core), Express.js (API, routes, middleware, controller, service, error handling, auth, etc.), Prisma ORM, TypeORM, React.js (basic), NestJS (architecture, validation, API, error handling, auth, etc.), migration, Redis, and MSSQL.

Domain Knowledge
E-commerce logic, healthcare, school Management System, inventory management system

Soft Skills
Problem-solving, teamwork, communication and Fast-Learning.

PROFESSIONAL EXPERIENCE

Divergent Technologies Ltd 07/2025 – 10/2025 | Dhaka

Backend Software Engineer Intern

- Developed and maintained backend services using NestJS (TypeScript) for e-commerce applications.
- Designed and managed MSSQL databases with TypeORM, including entity relationships, migrations, and queries.
- Implemented RESTful APIs with CRUD operations, pagination, filtering, Swagger documentation.
- Integrated authentication and authorization using JWT, Guards, and role-based access control.
- Implemented global and custom exception handling for robust error management.
- Modeled and implemented core e-commerce modules: Cart, Wishlist, Checkout, Product, and ProductVariant management.
- Applied SOLID principles, OOP concepts , and clean coding practices for maintainable and scalable.
- Assisted in developing backend APIs using NestJS (TypeScript), Express js.

- Implemented CRUD operations, database relationships, and migrations using TypeORM

PROJECTS

M.h SMS – Smart School Management Platform (Frontend)

11/2025 – Present

Description: Built a responsive school management frontend using React, React Router, Axios, and TailwindCSS. Implemented **student/teacher management, class & section modules, attendance UI, exam result interfaces, and fee monitoring features**. Added reusable components, protected routes, and optimized API integration for a smooth role-based user experience (admin/teacher).

E-Commerce Backend System

Description: A scalable and secure backend for an e-commerce platform built with **NestJS** and **TypeORM**, providing RESTful APIs to manage users, products, orders, and analytics. The system incorporates **JWT-based authentication, role-based access control (RBAC), and file uploads**, while supporting **core e-commerce operations** like Cart, Wishlist, and Checkout.

School Management System

Description: A production-ready backend for a school management system built using **Node.js (Express.js)** and **Microsoft SQL Server (MSSQL)** following a clean service-layer architecture. This backend supports **students, classes, sections, shifts, groups, teachers, attendance, admit cards, result cards** and more.

My Portfolio(Live Link)

Description: Developed a personal **portfolio website** to showcase projects, skills, and experience. Focused on a **clean UI, responsive layout**, and structured project presentation with live links and GitHub repositories. Designed to highlight both **frontend and backend expertise** in a professional manner.

Modern Food Delivery Landing Page (HTML & Bootstrap 5)

Developed a modern and responsive landing page for a food delivery service using HTML5, CSS3, and Bootstrap 5. Designed a clean UI with a hero banner, service highlights, testimonials, and contact section. Ensured full mobile responsiveness, smooth navigation, and easy customization.