

# Md. Tarikul Islam

## Full Stack Developer

[Linkdin](#) | [Github](#) | [Portfolio](#)

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## Career Objective

Full Stack Developer with 2+ year of experience building scalable, API-driven and real-time web applications. Strong focus on backend development using Node.js (Express, NestJS), database optimization, and system performance. Experienced in remote collaboration and delivering production-ready solutions.

## Professional Experience

### Full Stack Developer

SYSSOLUTION – Dhaka, Bangladesh | Dec 2023 – Present

- Built and maintained scalable REST APIs using Node.js (Express, NestJS)
- Designed optimized database schemas and applied system design for scalable architecture
- Developed real-time features and internal notification systems using WebSocket
- Integrated React/Next.js frontend with backend and supported deployment workflows
- Used AI tools (Codex, ChatGPT, Claude) to speed up development and debugging

## Technical Skills

### Backend & Frontend:

TypeScript, Node.js, Express.js, NestJS, GraphQL (basic), gRPC (basic), Fastify (basic), WebSockets (Socket.io), Event-driven architecture | React.js, Next.js, JavaScript

### Databases:

MySQL, MongoDB, PostgreSQL, Schema Design

### DevOps & Tools:

Git, Docker (basic), Linux, Nginx, CI/CD basics

### Deployment:

Vercel, Netlify, Firebase, cPanel, VPS

## Projects

### Inventory Management System (Private)

- Built a complete inventory system with role-based access control
- Implemented real-time internal notifications using WebSockets
- Designed scalable APIs and optimized database performance

### Real Estate Portfolio (Uday)

- Developed a full-stack property management application
- Built backend services and integrated responsive frontend

### School Management System (Ilmul Ohi)

- Designed modular architecture with dynamic update capabilities
- Focused on scalability, performance, and maintainability

## Education

BSS (Hons) in Economics

Government Titumir College | 2019 – 2024