

Maruf Hossain

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Sr. Software Engineer

Results-driven Full-Stack Engineer with 6+ years of experience developing end-to-end web applications using modern technologies. Proficient in React, Next.js, Node.js, and .NET, with a strong focus on performance optimization, scalable architecture, and user-centric design. Experienced in building RESTful APIs, real-time systems, and working in Agile teams to deliver high-quality digital products.

PROFESSIONAL EXPERIENCE

Grapes Technology

Road# 01, Nikunjo-02, Khilkhet, Dhaka-1229, Bangladesh

Sr. Software Engineer

Dec'2025 - Present

- Architecting and maintaining a high-performance fintech platform using ASP.NET Core, C#, SQL Server, and React.
- Optimizing complex SQL queries, indexing strategies, and stored procedures, reducing execution time on critical reports.
- Integrating multiple mobile financial service providers, including Safaricom M-Pesa and GeePay.
- Refactoring legacy modules and database design to improve scalability and reliability across transaction and reporting systems.
- Tech Stack: ASP.NET Core, C#, SQL Server, React, REST APIs, Git

Siara Solutions Pty Ltd.

Remote (Liverpool NSW 2170, Australia)

July'2022- Nov'2025

Sr. Software Engineer / Software Engineer Team Lead

- Led full-stack development (React, Node.js, TypeScript) for car rental, online food ordering and tutoring platforms.
- Built scalable backend with PostgreSQL & MongoDB;
- Developed frontend using React, Redux, Context API, MUI, and AntD.
- Engineered real-time chat systems with WebSocket and Socket.io.
- Integrated third-party APIs (Brevo, Infobip, Mapbox) for comms and location tracking.
- Implemented secure video conferencing via Jitsi for online tutoring.
- Tech Stack: React, Node.js, TypeScript, MongoDB, PostgreSQL, Git, Azure.

Advanced Software and IT Services Ltd.

Dhaka, Bangladesh

Mar'2019- June'2022

Software Engineer

- Built a land survey web application (settlement.gov.bd) using ASP.NET MVC and integrated government web services.
- Developed land case management software with ASP.NET MVC and SQL Server.
- Designed an audit management system in ASP.NET Core using stored procedures.
- Enhanced ERP with leave and duty shift modules for workforce management.
- Mentored junior developers; collaborated with CTO for project delivery.
- Contributed to hospital management system modules to streamline operations.
- Maintained and extended legacy systems using ASP.NET Web Forms.
- Tech Stack: ASP.NET Core, C#, SQL Server, HTML/CSS, JavaScript, REST APIs, Git

KEY COMPETENCIES

Backend Development
Full-Stack Developer
Multi-Stack Proficiency

Team Collaboration
Agile Development
Adaptability

Leadership
Proactive and self-motivated
Strong interpersonal skills

KEY PROJECTS:

- Microfinance System: Core platform development, SQL Server query optimization, indexing, stored procedures, and integration with Safaricom M-Pesa and GeePay.
- Car Rental Platform: Full-stack system with real-time features and payment integration
- Online food ordering and restaurant management system using React, Node.js, and PostgreSQL, NoSQL.
- Land Survey System: Government-integrated solution using ASP.NET MVC
- ERP & Audit Systems: Workflow automation and reporting using ASP.NET Core & SQL Server

TECHNICAL SKILLS

Programming Languages & Frameworks: C#, ASP.NET Core, Node.js, Express.js, React.js, Next.js, JavaScript, REST API Design

Architecture & Principles: OOP, SOLID, Layered Architecture, Microservices, RESTful APIs

Database & Data Management: MS SQL Server, PostgreSQL, MongoDB, Entity Framework, Stored Procedures, Query Optimization

DevOps & Tools: Azure DevOps, Git, CI/CD Pipelines, Postman, Swagger, Visual Studio, VS Code

Frontend & UI: HTML5, CSS3, Tailwind CSS, Responsive Design, Redux, Context API

Project Management & Collaboration: Agile, Scrum, Jira, Azure Boards, Code Review, Team Mentorship

EDUCATION & CERTIFICATIONS

B.Sc. in Computer Science and Engineering

Majors: Software Development
Bangladesh University of Business and
Technology

CGPA: 3.95 out 4.00

Year: 2022

M.Sc. in Computer Science and Engineering

Bangladesh University of Professionals (BUP)
Year: 2025

Diploma in Data Tele-communication & Networking Technology

Feni Computer Institute
CGPA: 3.52 out 4.00
Year: 2017