

Mehedi Hasan Tushar



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Profile

Software Engineer with 5+ years in web development, specializing in JavaScript Frameworks e.g., React, Vue.js, and Node.js. Skilled in developing efficient, scalable applications and optimizing user experience. Strong problem-solving abilities, leadership skills in managing projects, and a proven track record in delivering enterprise solutions and improving digital platforms.

Experience

[BacBon Limited \(bacbonltd.com\)](#)

April 2025 - Present

Senior Software Engineer

Technical Expertise: NestJS, React, NextJS, MySQL

- Developing scalable e-commerce platform with modular architecture, implementing separate services for payment processing, inventory management, and order fulfillment with clear separation of concerns.
- Built an English learning application using a microservices approach with NestJS backend services handling user authentication, content delivery, and progress tracking independently.
- Developed a responsive EPUB reader application with modular backend services for content management, user annotations, and bookmark synchronization

[Jatri Services Limited \(jatri.co\)](#)

October 2022 - March 2025

Software Engineer

Technical Expertise: Vue.js, NestJS, MongoDB, GraphQL

- Contributed to the development of a scalable digital ticketing platform serving thousands of daily users, implementing service-oriented architecture to handle high-traffic scenarios.
- Built a centralized microservice-based ticketing system replacing legacy monolithic solutions, with dedicated services for trip management, payment processing, and ticket generation.
- Designed and implemented GraphQL APIs with efficient query resolvers and schema definitions, enabling flexible data fetching across multiple frontend clients.

[EASCA Solutions Limited \(easca.io\)](#)

February 2021 - September 2022

Web Developer

Technical Expertise: React, React Native, Laravel, ASP.NET, MySQL, MSSQL

- Developed enterprise software features using Laravel MVC architecture with service layer patterns, repository patterns, and dependency injection for clean, testable code.
 - Designed and optimized MySQL database schemas with normalization, indexing, and query optimization techniques for improved performance on large datasets.
 - Developed React Native mobile application consuming shared API endpoints, ensuring consistent data contracts and business logic across platforms.
 - Demonstrated strong problem-solving and analytical skills to identify and resolve technical issues.
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Projects

[Apparel Institute University Management Portal \(aift.edu.bd\)](http://aift.edu.bd)

Technologies: Next.js, Laravel, MySQL, Tailwind CSS

- Built full-stack university management portal handling student admissions, course enrollment, grading, and semester payment processing for a growing institution.
- Developed role-based dashboards for students, faculty, and administrators with secure authentication and granular access control across modules.
- Implemented automated grading workflows and payment tracking systems, reducing administrative overhead and streamlining end-to-end academic operations.

[Jahapur Secondary School Alumni Association \(jssalumni.org\)](http://jssalumni.org)

Technologies: React.js, Laravel, MySQL, Tailwind CSS

- Developed alumni community platform enabling members to connect, explore alumni networks, and stay engaged with their school community.
- Built event management system allowing alumni to discover, register for, and participate in reunions, meetups, and philanthropic initiatives.
- Designed responsive, accessible interface with intuitive navigation for alumni of all technical backgrounds to contribute to community causes.

Skills and Abilities

Backend & Architecture

- Node.js (NestJS, Express.js) with TypeScript
- Laravel
- RESTful APIs & GraphQL
- Event-driven architecture & async processing
- Service-oriented design & API Gateway patterns

Database & Related

Skills

- MySQL
- PostgreSQL
- MongoDB
- MS SQL
- Indexing
- Query Optimization

Frontend

- React.js
- Vue.js
- Next.js
- React Native

Soft Skills

- Articulate technical concepts clearly in team discussions and documentation
- Effective collaboration in cross-functional teams, contributing to architectural decisions and knowledge sharing
- Strong time management and task prioritization to meet sprint deadlines
- Ownership mindset with focus on code quality and system reliability

2017 - 2020

Education

[American International University - Bangladesh \(AIUB\)](http://aiub.edu)

B.Sc in Computer Science & Engineering