

MD HADIUZZAMAN

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Career Objective

Passionate Fullstack Software Engineer with 4 years of experience delivering scalable, high-performance web applications for enterprise environments. Adept at translating complex business requirements into robust, user focused solutions while collaborating effectively with cross-functional teams. Committed to driving innovation and quality through proactive problem solving and clean, maintainable code.

Skills

Backend: C#, ASP.NET Core, REST APIs, Entity Framework Core, Redis Caching, Identity Framework , Microservice Architecture, CQRS, Azure Service Bus, Node.js, Express.js
Frontend: AngularJS , Angular, Angular Material, React, JavaScript, TypeScript, Tailwind CSS
Database: Microsoft SQL Server, MySQL, PostgreSQL, LINQ
DevOps & Cloud: AWS, Azure, Git, GitHub Actions, Docker, Kubernetes
Testing: NUnit, xUnit, Moq

Experience

Software Engineer	June 2023 - Present
Bangladesh Software Solution	Dhanmondi 9/A, Dhaka
<ul style="list-style-type: none">Collaborated with cross-functional teams to define technical requirements, ensuring alignment with business goals for enterprise web applications using ASP.NET Core MVC.Designed and developed scalable full-stack solutions with ASP.NET Core Web API, C#, and Entity Framework Core, integrated with Angular and Bootstrap for responsive frontends.Built secure RESTful APIs using ASP.NET Core Identity and JWT, enabling efficient data operations and role-based access control across systems.Optimized application performance with Redis caching and Entity Framework Core query optimization, reducing response times and server load for high-traffic scenarios.Conducted code reviews and implemented unit tests using xUnit and Moq, ensuring 80%+ code coverage and adherence to quality standards while fostering team collaboration.	

Software Developer Intern	September 2022 - January 2023
RedDot Digital Limited	Gulshan-1, Dhaka
<ul style="list-style-type: none">Developed and maintained robust backend features using Spring Boot, including designing and implementing RESTful APIs to support scalable enterprise applications.Implemented transaction management and business logic to ensure data consistency and reliability across services.Optimized database interactions by writing efficient queries and managing schemas in PostgreSQL and MySQL to improve performance and data integrity.Collaborated in code reviews and followed best practices for backend development, gaining hands-on experience with modern frameworks and enterprise software engineering workflows.	

Projects

Provai Workforce Management Platform	Live
Enterprise solution for managing shifts and operations for 10,000+ healthcare workers.	
<ul style="list-style-type: none">Developed scalable backend microservices using ASP.NET Core Web API, implementing domain-driven design for shift scheduling, invoicing, and user management services.Containerized microservices with Docker and orchestrated deployments using Kubernetes, ensuring high availability, automated scaling of distributed components.Implemented Redis caching to optimize data retrieval and improve response times for large-scale operations.Designed and maintained MSSQL database schema with Entity Framework Core for efficient data access and integrity.	

- Built SignalR hubs for real-time shift update notifications across distributed teams, replacing previous WebSocket implementation.
- Developed and maintained unit and integration tests using xUnit and Moq, ensuring 80% coverage of critical backend functionality.

Tech Stack: ASP.NET Core Web API, Microservices Architecture, Kubernetes, Docker, SignalR, Redis, MSSQL, Entity Framework Core, xUnit, Moq, Angular 18, Angular Material, Tailwind CSS, SASS, RxJS

Ladily | Enterprise E-Commerce Application [Live](#)

Custom-built e-commerce platform serving retail and pre-order customers, built on nopCommerce.

- Developed and maintained a highly responsive storefront using a custom nopCommerce theme, Razor, jQuery, and SASS.
- Implemented location-based delivery fee calculation and enhanced pre-order workflows tailored to client needs.
- Integrated multiple payment gateways: Stripe, bKash, and SSLCommerz, including condition-based and manual order payment options.
- Developed and maintained custom nopCommerce plugins for features like one-click Google and Microsoft login, live chat support, and SMS-based order tracking.
- Architectural modular checkout processes supporting both one-page and multi-page flows.
- Created dynamic marketing tools: carousels, anywhere slider, promotional banners, and product quickview modals for a better UX.
- Ensured SEO best practices and managed Google Analytics integration for detailed traffic insights.

Tech Stack: ASP.NET Core (nopCommerce),MVC architecture, Razor, jQuery, SASS, SQL Server, Stripe, bKash, SSLCommerz, Google/MS Sign-In, custom plugins, Chat integration.

InktPaspoort | Tattoo Studio Management System [Live](#)

Scalable platform for seamless appointment booking and studio operations across devices.

- Developed secure backend services using ASP.NET Core Web API for booking slots, managing schedules, and storing user data.
- Implemented ASP.NET Core Identity with JWT for secure user authentication and role-based access control, supporting diverse booking workflows.
- Optimized API performance with Entity Framework Core query optimization and Redis caching, improving response times for high-traffic booking scenarios.
- Implemented multilingual support on the backend using ASP.NET Core localization middleware and resource files for seamless language switching..
- Collaborated on Angular 16 frontend, integrating APIs with RxJS and Ionic for consistent web and mobile experiences'
- Ensured testability with xUnit and Moq for unit and integration tests across all core modules, achieving robust functionality.

Tech Stack: ASP.NET Core Web API, ASP.NET Core Identity, JWT, Entity Framework Core, Redis, MSSQL, xUnit, Moq, Angular 16, RxJS, Ionic, SASS.

Education

Bangladesh University of Professionals (BUP)	Passing Year: 2022
BSc in Information and Communication Engineering	
Club Activities: IEEE BUP Student Branch	

Courses and Certification

- C# Intermediate: Classes, Interfaces and OOP by Mosh Hamedani | Udemy
- NET Core MVC - The Complete Guide by Bhrugen Patel | Udemy
- Mastering DevOps: From Fundamentals to Advanced Practices | Ostad
- Angular-The Complete Guide by Maximilian Schwarzmüller | Udemy
- React-The Complete Guide Including Next.js Redux by Maximilian Schwarzmüller | Udemy