

IMTIAZ ZAMAN MEHEDI

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ABOUT ME

I'm a Software Engineer with around **4 years** of professional experience in C#, .NET 8, Angular, and Azure. I enjoy building scalable, efficient, and modern software systems.

SKILLS

Language & Framework: C#, .NET 8.0 and Angular

Database Related: ADO.NET, SQL, T-SQL, MongoDB

ORM: Entity Framework Core, Dapper, PetaPoco

Pattern & Architecture: Clean, n-tier and Vertical Slice Architecture, MVC, Singleton, Builder, Prototype, Factory, Repository, Unit of Work, Mediator, CQRS

OOD: SOLID

Microservice & Cloud: RabbitMQ, Azure Storage, Azure Service Bus, Ocelot API Gateway, gRPC, SignalR

More On C#: Reflection, Delegate, Event, Thread, Generic, LINQ

Auth: Cookie and Token-based Authentication, JWT, Role-based Access Control

Deployment Tools: Docker and Docker Compose

More on .NET: Dependency Injection, Error Logging (Serilog), Validation (Fluent Validation), Worker Service, Mapper (AutoMapper)

Project Management: Git, Jira, Trello, Azure Portal

PROFESSIONAL EXPERIENCE (4 YEARS)

Seamlss - Software Developer

(April 2025 - Present)

Seamlss App

- A client onboarding app, used by more than **100 organizations** in the world to onboard their clients
- Reduced client onboarding time for organizations and uses smart features for handling onboarding
- Tech stack:** .NET 8, MVC, MSSQL

Surbana Jurong - Software Engineer

(October 2023 - April 2025)

RAPID Portal (Vendor: Surbana Jurong):

- Key Contributions:**
 - Design and migrate the project from monolith to modular monolith and also migrate from legacy **dotnet core 3.1 to dotnet core 8**
 - Implemented key backend features like **SSE, security enhancements, and a global error handler** for robust performance
 - Implemented **Azure Service Bus** and **SignalR** in the project
 - Integrated **Calendarific API** to manage holidays and weekends dynamically across the system
- Technology:** .NET Core 8, n-tier Architecture, Azure Service Bus, Azure Storage, Power BI, Angular, MSSQL, Dapper, Refit, Serilog, Background Service and so on

CFEMS (Vendor: Singapore Land Transport

Authority):

- Key Contributions:**
 - Optimized background services to significantly improve performance, reducing **CPU usage by approximately 80%**
 - Implemented **database partitioning** strategies to efficiently manage large datasets
 - Enhanced authentication with 2FA login and introduced SSE features for both frontend and backend
- Technology:** .NET 6, Clean Architecture, MediatR, CQRS, Angular, MSSQL, Dapper, Entity Framework, MQTT Broker, SignalR, Fluent Validation, Refit, Serilog, Background Service, and more

PERSONAL PROJECTS

Farm2Market

<https://github.com/imtiaz1710/Farm2Market>

Description: Practice project for learning microservices. Users can see products, add products to cart, get the latest discounts and checkout from cart

Services:

- Catalog Service: Applies Vertical Slice Architecture, MediatR, CQRS, Mapster, FluentValidation, Marten, Carter, Docker, Docker Compose etc.
- Basket Service: Implements gRPC Client
- Discount Service: Implements gRPC Service
- Ordering Service: DDD, CQRS, Clean Architecture, MediatR, SQL Database

Mini ORM by ADO.NET and Reflection

<https://github.com/imtiaz1710/MiniORM>

Description: An ORM with Insert, Update and Delete object operations (also nested object operations) in Database

Applies: Reflection and Generic

EDUCATION

Degree	Passing Year	Institution Name	Grade
B.Sc. in CSE	2022	Manarat International University	3.57 (Out of 4)
HSC	2016	Safiuddin Sarker Academy and College	4.67 (Out of 5)
SSC	2014	Safiuddin Sarker Academy and College	5 (Out of 5)

KAZ Software - Trainee and Associate Software Engineer

(December 2021 - October 2023)

MIS Application (Vendor: Good Neighbors Bangladesh)

- **Key Contributions:** Contributed to features including POA implementation, schedule instance management (start, complete, approve), and dynamic column rendering across both frontend and backend.
- **Technology:** Angular, .NET 6, C# 10, Clean Architecture, MediatR, CQRS, MongoDB

ACTIVITIES, AWARDS & CERTIFICATIONS

Participated in [more than 68 contests](#) on Codeforces and various online platforms

Solved [more than 740 problems](#) on various online platforms

First in [Intra Department Programming Contest of MIU, 2019](#) (Team: miu_idpc_9)

Second in Inter University Programming Contest of MIU, 2020

Completed Udemy Course on .NET 8 Microservices: DDD, CQRS, Vertical/Clean Architecture