



Ziauddin Sameer Chowdhury



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[GitHub](#)



[LeetCode](#)



[Portfolio](#)

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TECH SKILLS

Programming Languages:	C#, JAVA, JavaScript, TypeScript
Web Technologies:	RESTful APIs, HTML5
Frameworks:	.NET / ASP.NET Core, Angular, Spring Boot
Programming Paradigms:	OOP, Functional Programming, AOP
Databases:	Microsoft SQL, PostgreSQL, Elasticsearch
ORM:	Entity Framework, Dapper
Design Patterns:	Repository, Dependency Injection
Other Tools:	Git, Linux, Postman, Docker

WORK EXPERIENCE

XpertSolvers Ltd | Senior Software Engineer (Remote)

September 2022 – present

- Developed and maintained monolithic and microservice applications using .NET, following clean architecture and solid principles.
- Designed and implemented RESTful APIs and backend services with a focus on scalability, performance optimization and maintainability.
- Utilized entity framework core for data access including LINQ optimization, migrations, database performance tuning and transactional consistency across SQL based databases.
- Built and integrated Angular based front-end applications ensuring responsive design, modular architecture and seamless API integration.
- Improved code quality and system reliability by proper code reviews and refactoring initiatives.
- Provided production support for live systems, performing root cause analysis, resolving high priority incidents and ensuring system reliability and uptime.
- Managed application deployment and release processes on Linux environments contributing to environment configuration and post deployment validation.
- Collaborated with product owners, QA and cross-functional teams to translate business requirements into technical solutions.

PROJECTS

Chittagong University Convocation Management - 2025

- Cut processing time 50% by automating PDF and spreadsheet generation for 40k+ records.
- Implemented email and SMS services delivering timely notifications to all registered users.
- Enhanced system scalability by deploying microservice modules supporting peak convocation traffic.

MediaCentrix

- Ensured HIPAA compliance by implementing secure API endpoints.
- Increased query performance 45% through complex SQL optimizations and indexing strategies.
- Accelerated client onboarding by delivering requested enhancements before planned deadlines.

ESS-Agro - [Site Link](#)

- Engineered core API, UI, and database.
- Implemented complex data aggregation enabling accurate insights for agronomists and staff.
- Reduced manual workload 60% through automation of livestock data processing algorithms.

DiscoverHub (SaaS Project) - [Site Link](#)

- Engineered multi-tenant API services supporting SaaS subscription and onboarding workflows.
- Improved analytics reporting accuracy through custom SQL functions and refactoring.
- Reduced bug rate 25% by writing clear API documentation for cross-team integration.

CommEngine - [Site Link](#)

- Maintained critical API, UI, and database components ensuring consistent system uptime.
- Enhanced search relevance via optimized Elasticsearch query configurations.
- Delivered new requested features 30% faster through agile iteration improvements.

EDUCATION

Chittagong University of Engineering and Technology

B.Sc. in Computer Science and Engineering

2016 - 2021

INTERESTS

- Full Stack Development
- System Design
- Machine Learning
- Microservices
- Algorithm Design
- DevOps

References

1. Maksud-Ul-Alam : Founder and CEO of XpertSolvers Ltd
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2. Md Talat(Tanbir) Morshed : Senior Executive
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