



Ziauddin Sameer Chowdhury



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[LeetCode](#)



[Portfolio](#)

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TECH SKILLS

Programming Languages:	C#, JAVA, JavaScript, TypeScript
Web Technologies:	RESTful APIs, Microservices, HTML5
Frameworks:	.NET, Angular, Spring Boot
Programming Paradigms:	OOP, Functional Programming, AOP
Databases:	MySQL, Microsoft SQL, PostgreSQL, Elastic Search, SQLite
Other Tools:	Git, Linux, Postman, Docker

WORK EXPERIENCE

XpertSolvers Ltd | Software Engineer (Remote)

September 2022 – present

- Developed and designed both large-scale (Monolithic) and smaller, separate (Microservice) applications using .NET.
- Built responsive user interfaces and web pages using modern front-end technologies (HTML5, CSS3, Angular).
- Improved system reliability by reviewing code, finding, and fixing software errors, and providing live production support.
- Managed the process of deploying applications to Linux servers for both testing and live production (DevOps contribution).

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.

EDUCATION

Chittagong University of Engineering and Technology

2016 - 2021

B.Sc. in Computer Science and Engineering

Chittagong Engineering University School and College

2013 - 2015

Higher Secondary Certificate (HSC)

INTERESTS

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

References

1. Maksud-Ul-Alam : Founder and CEO of XpertSolvers Ltd
Email : maksud@xpertsolvers.com
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2. Md. Talat (Tanbir) Morshed : Senior Executive
Systems Analyst at Surbana Jurong
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