

Asir Mosaddek Sakib

Senior Software Engineer & Technical Lead

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PROFILE

Senior Software Engineer with 7+ years of experience building enterprise web applications with C#.NET and Angular. Experienced in distributed systems, performance optimization, cloud delivery, and leading engineering teams. Skilled in Clean Architecture, SOLID principles, RESTful APIs, asynchronous programming, and mentoring engineers.

EXPERIENCE

Senior Software Engineer (Lead)

Solyntra Limited | Dec 2025 - Present

- Architecting a scalable CRM with .NET Core and Angular, focusing on modularity and high availability.
- Leading a cross-functional engineering team, technical strategy, and rigorous code reviews to maintain architectural standards.

Tech Lead

Affpilot | Jun 2025 - Oct 2025

- Led Affpilot 2 migration from a monolith to microservices using Go, Python, RabbitMQ, gRPC, and Redis.
- Redesigned the Celery task system: reduced background-task wait times by 80% and improved parallel article generation by 20%.
- Resolved production issues and stabilized a platform with 85,000+ registered users and 3,000 active users; scaled Azure VMs horizontally and vertically.
- Improved the AI content pipeline with OpenAI prompt engineering. Deployed applications on Azure and GCP, including Azure OpenAI models.

Senior Software Engineer

Orbitax Bangladesh Limited | Jul 2024 - May 2025

- Implemented the SAGA pattern to improve distributed workflow reliability and reduce scenario duplication processing time by 20%.
- Enhanced the tax calculator Scenario Architecture and delivered an advanced SpreadsheetGear solution using Event Sourcing.
- Mentored junior engineers and interns, led technical sessions, and participated in code reviews.

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EXPERIENCE / CONTINUED

Software Engineer

Orbitax Bangladesh Limited | Aug 2020 - Jun 2024

- Designed and developed Audit Tracker 2 using ASP.NET Core Web API and Angular.
- Migrated Forms Data from SQL Server to MongoDB, improving API speed by 50% by eliminating legacy platform calls.
- Contributed to scenario creation and document upload/storage architecture for Global Minimum Tax 2 and International Tax Calculator 2.

Associate Software Engineer

Orbitax Bangladesh Limited | Nov 2018 - Jul 2020

- Built an FX Rates API microservice with ASP.NET Core Web API, a reporting UI, and export features.
- Developed a state-machine-based document publishing tool for Tax Research Documents 2.
- Improved entity import/export workflows by 20% with in-memory caching.

TECHNICAL SKILLS

Backend & APIs C# / .NET Core, Go, Python / Django, REST & gRPC, Entity Framework

Frontend Angular, Enterprise web applications, API integration

Data & messaging PostgreSQL / MSSQL, MongoDB, Redis, RabbitMQ / MassTransit, MySQL / AWS S3

Cloud & delivery Azure, Google Cloud, Docker, GitHub Actions, CI/CD

Architecture Microservices, Event-driven systems, Clean Architecture / DDD, SAGA / Event Sourcing, OAuth2 / JWT / RBAC

Engineering leadership Technical strategy, Code reviews, Mentoring, Agile / Scrum, AI / LLM pipelines

EDUCATION

BSc, Computer Science & Engineering

Begum Rokeya University, Rangpur | 2011-2015 | CGPA: 3.52/4.0

HSC, Science - Cantonment Public School and College, Rangpur | 2011 | GPA: 5.0/5.0

SSC, Science - Lions School and College, Rangpur | 2009 | GPA: 5.0/5.0

ACHIEVEMENTS

- ACM ICPC Dhaka Regional 2016: 35th place, Rangpur divisional champion.
- CUET NCPC 2017: 45th place, Rangpur divisional champion. Team: BRUR DividedByZero.
- National Mobile Application Development Awareness & Capacity Building Program, Rangpur (2014): 1st place.