

# Md. Ibrahim Sumon

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I am a Senior Software Engineer with extensive experience in architecting and delivering end-to-end cloud-based solutions on Microsoft Azure. My expertise spans Azure App Services, Logic Apps, WebJobs, and Azure Functions, enabling businesses to achieve scalability, automation, and performance in their cloud infrastructure.

On the application side, I specialize in building modern, high-performing web applications using the latest versions of Angular for the frontend and ASP.NET Core for backend APIs, integrated with relational and non-relational databases such as SQL Server, PostgreSQL, Oracle, and MongoDB.

As a key member of the core engineering team, I play an active role in solution architecture, cloud strategy, and technical decision-making, ensuring system reliability and alignment with business goals. I've also successfully led and mentored engineering teams with a collaborative leadership style, empowering members to take ownership and innovate without the feeling of hierarchy.

Driven by curiosity and a passion for solving complex challenges, I continuously explore emerging technologies, adapt to new domains, and deliver solutions that bridge innovation with real-world impact.

## Experience

01 Sep, 2022 to Current

### Senior Software Engineer

**Insightin Technology Bangladesh Ltd.** (House-13, Road-27, Block-J, Banani, Dhaka-1213)

Successfully contributed to the Insightin Cloud SaaS platform as part of the core engineering team, driving key enhancements and user-focused features.

- Developed robust backend services using ASP.NET Core Web API, ensuring high scalability and performance.
- Integrated advanced data visualization tools to enhance user experience and platform usability.
- Collaborated with a hybrid, cross-functional team in a dynamic startup environment, fostering innovation and agility.

01 Feb, 2022 to 25 Aug, 2022

### Assistant Manager, Programmer

**Anwar Group of Industries** (Baitul Hossain Building (14th Floor), 27 Dilkusha C/A, Dhaka- 1000)

Actively contributed as a core member of the engineering team, leading system analysis, requirement gathering, and ERP system architecture design to deliver scalable enterprise solutions for Anwar Group of Industries.

- Successfully led the development and deployment of key software solutions that streamlined organizational operations.
- Designed and implemented the Vehicle Management System and Financial Reporting System using modern, scalable technologies.
- Enhanced reporting capabilities through the creation of detailed MIS reports, supporting data-driven and strategic decision-making.
- Deployed and managed systems on production servers, ensuring seamless integration, performance optimization, and reliability.

## Skills

### Project & Leadership Skills

- Team Management & Mentorship
- Requirement Analysis & Solution Design
- Cloud Infrastructure Strategy
- Core Engineering Decision-Making

### Core Technical Skills

- Backend: C#, .NET 8, ASP.NET Core
- Frontend: Angular, AngularJS, JavaScript
- Cloud & DevOps: Azure App Services, Web Jobs, Functions, CI/CD
- Databases: SQL Server, PostgreSQL, Oracle, MongoDB
- Version Control: GitHub, Bitbucket, Azure Repos
- AI Tools: ChatGPT, GitHub Copilot
- Reports: RDLC, HTML

## Education

**Master of Science:** Computer Science & Engineering (Jahangirnagar University)

Passing Year: 2023 Grade (CGPA): 3.55

**Bachelor of Science:** Computer Science & Engineering (East West University)

Passing Year: 2018 Grade (CGPA): 3.32

**HSC:** Science (Engineering University School & College, Dhaka)

Passing Year: 2013 Grade (GPA): 5.00

**SSC:** Science (Engineering University School & College, Dhaka)

Passing Year: 2011 Grade (GPA): 4.44

## Experience

02 Feb, 2020 to 31 Jan, 2022

### Assistant Software Engineer

Era InfoTech Limited (Fareast Tower (Level-3), 35 Topkhana Road, Dhaka1000)

#### 1. Electronic Information and Database Management System (eIDMS) – National Security Intelligence (NSI)

- Actively participated in system analysis, requirement gathering, and architecture design to deliver a secure and scalable intelligence management platform.
- Designed and developed robust backend services using C#, ASP.NET MVC, ASP.NET Web API, Entity Framework, and implemented dynamic frontend interfaces with Razor, HTML, CSS, Bootstrap, JavaScript, and jQuery.
- Created MIS reports using procedures, functions, views, and scheduler jobs.
- Collaborated closely with software development and testing teams to ensure solutions met client requirements for functionality, performance, and scalability.
- Deployed the system on Windows Server, ensuring reliable production operations.

#### 2. e-Remittance – Bank Asia Limited

- Participated in requirement analysis, system architecture decisions, and integration planning, ensuring high-performance remittance services.
- Developed scalable backend APIs using C#, ASP.NET Core, ASP.NET Core Web API, Entity Framework Core, with frontend functionality in Angular.
- Implemented RDLC reports to provide actionable insights and facilitate operational efficiency.
- Deployed the system on UAT and production servers (Oracle Linux), configuring Nginx as a reverse proxy for optimized performance.
- Engaged with end-users to gather feedback, refine features, and enhance system usability.

#### 3. User Management System (UMS) – Bank Asia Limited

- Led requirement analysis, system design decisions, and architecture review as part of the core engineering team.
- Built backend services using C#, ASP.NET Core Web API, Entity Framework Core and developed responsive frontend features with Angular.
- Collaborated with the software development and testing teams to ensure solutions met client needs for performance, security, and functionality.
- Handled user requests and enhancements, contributing to improved usability and operational efficiency.

02 Feb, 2019 to 30 Jan, 2020

### Data Engineer

Data Digerati Ltd (A Concern of NK Group)

Successfully engineered a robust Inventory Management System that streamlined restaurant operations and improved data accuracy.

- Developed user-friendly applications using C# and ASP.NET, facilitating better interaction with the database.
- Achieved significant improvements in data processing speed, leading to enhanced decision-making capabilities for management.

## Certifications

### C# (Basic)

HackerRank

Issued: Feb 2022

Credential ID: 47BCA5AB934A

[hackerrank.com/certificates/47bca5ab934a](https://hackerrank.com/certificates/47bca5ab934a)

### Getting Started with Azure DevOps Boards

Coursera

Issued: Feb 2022

Credential ID: YDFPMYT48E6D

[coursera.org/account/accomplishments/certificate/YDFPMYT48E6D](https://coursera.org/account/accomplishments/certificate/YDFPMYT48E6D)

### SQL (Basic)

HackerRank

Issued: Feb 2022

Credential ID: ADC06CD649CF

[hackerrank.com/certificates/adc06cd649cf](https://hackerrank.com/certificates/adc06cd649cf)

## Publications

Deploy ASP.NET Core App / Web API on Oracle Linux Server Using Nginx

Publications site: C# Corner · Feb 9, 2022

Publications Url:

[csharpcorner.com/article/how-to-deploy-asp-netcore-app-web-api-on-oracle-linux-server-using-nginx](https://csharpcorner.com/article/how-to-deploy-asp-netcore-app-web-api-on-oracle-linux-server-using-nginx)