

## Contact

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## Top Skills

React.js  
Stock Market  
Cloud Administration

## Languages

English (Professional Working)  
Bengali (Native or Bilingual)

## Certifications

Getting Started as an Azure Developer  
Project Leadership  
Azure Storage Essential Training  
Building a Web Application on Microsoft Azure

## Honors-Awards

Best Student Award  
ICB Integrity Awards

# AI Amin Hossain

Senior .NET Developer | System Architect | Azure DevOps (AZ-104) | FinTech & B2B E-commerce Expert | Team Lead  
Dhaka, Bangladesh

## Summary

I bridge the gap between complex financial business logic and scalable cloud architecture. With over 12 years of experience at the Investment Corporation of Bangladesh (ICB) and leading remote teams for US-based platforms, I specialize in building high-performance, data-centric applications.

My focus is on Business Continuity and System Optimization—turning abstract business requirements into production-ready code while maintaining 99.9% uptime.

## Technical Stack:

Backend: .NET Core, C#, ASP.NET MVC, Web API, ABP Framework, Blazor WASM.

Data: Oracle, SQL Server Performance Tuning, Data Modeling.

Cloud/DevOps: Azure Administrator (AZ-104), YAML Pipelines, CI/CD Automation, App Insights.

Leadership: Managed distributed remote teams using Agile/Scrum methodologies.

Currently preparing for the AZ-400 (DevOps Engineer Expert) to further automate and scale enterprise software delivery.

## Experience

Investment Corporation of Bangladesh (ICB)

12 years 8 months

Software Programmer

November 2022 - Present (3 years 3 months)

Dhaka, Bangladesh

I have extensive experience in the banking and financial industry, with nine years of involvement in various software development projects. My expertise lies in creating advanced software using Microsoft Stack's .NET platform, conducting comprehensive testing, and developing efficient process flows.

#### My Responsibilities:

- Proficient in software development using Microsoft Stack's .NET platform, delivering innovative and reliable solutions.
- Conducting rigorous testing processes to ensure software quality and performance.
- Creating streamlined process flows to optimize software development and implementation.
- Designing efficient software backends encompassing APIs and database queries.

#### Impact:

- Ensured high-quality and reliable software solutions through proficient development and comprehensive testing.
- Optimized software development processes, enhancing efficiency and effectiveness.
- Improved system performance and user experience by designing efficient backends, including APIs and database queries.

#### Achievements:

- Successfully delivered innovative and reliable software solutions utilizing the .NET platform.
- Enhanced software quality and performance through rigorous testing processes.
- Optimized software development and implementation, leading to improved efficiency.
- Designed and implemented efficient software backends, contributing to improved system performance.

#### Notable Projects:

- General Ledger: Developed a comprehensive system, facilitating accurate financial transaction tracking and streamlined reporting and analysis.
- ICB Portfolio Management System: Played a pivotal role in building the ICB Portfolio Management System, empowering users to manage investment portfolios efficiently and make informed decisions.

#### Assistant Programmer

June 2013 - November 2022 (9 years 6 months)

Dhaka

**1. Analysis and Design of New Software:**

- Collaborate with stakeholders to gather requirements and analyze business needs.
- Design software solutions based on the requirements, ensuring scalability, performance, and security.

**2. Coding new and existing software:**

- Utilize ASP.NET MVC, C#, and ASP.NET Core to develop robust and scalable web applications.
- Implement best practices in coding standards and ensure high-quality code.
- Collaborate with front-end developers to integrate user interfaces with back-end functionality.

**3. API Development:**

- Design, develop, and maintain APIs using industry-standard protocols and frameworks.
- Integrate APIs with external systems and third-party services.
- Ensure API security and implement authentication and authorization mechanisms.

**4. Maintenance of existing Oracle Database:**

- Perform routine maintenance tasks, such as backup and recovery, database optimization, and performance tuning.
- Troubleshoot and resolve database-related issues.
- Implement security measures to protect data integrity and confidentiality.

**5. Oracle Form and Report Development:**

- Develop and maintain Oracle Forms and Reports to meet business requirements.
- Design and implement data entry forms, reports, and data retrieval mechanisms.
- Collaborate with users to gather requirements and provide technical support for Oracle Forms and Reports.

**Notable project Implemented:**

- User Management System: Successfully delivered a User Management System, simplifying the management of user accounts, permissions, and access control for organizations.
- Employee Dashboard: Contributed to creating an intuitive Employee Dashboard for the corporation

**BrandTrader**  
**System Analyst**  
April 2022 - Present (3 years 10 months)  
New Jersey, United States

Architected a Tiered B2B Inventory Engine: Engineered a complex matching algorithm using Blazor WASM and ABP Framework that dynamically allocates stock based on tiered pricing logic, optimizing procurement for B2B clients.

Led System Design for Negotiation Features: Developed a real-time buyer-seller price negotiation system, reducing transaction friction and improving order closure rates.

Remote Leadership: Guided a distributed team to translate abstract business ideas into a robust transaction management system.

**Kallol Group of Companies**  
**Software Engineer**  
February 2013 - June 2013 (5 months)  
Dhaka, Bangladesh

My Responsibilities:

1. Bug fixes, updates, and enhancements.
2. Database management and optimization.
3. Security and compliance.
4. Integration with other systems.
5. Documentation and user support.

Impact:

1. Improved operational efficiency.
2. Enhanced data accuracy.
3. Higher user satisfaction.
4. Stronger security and compliance.
5. Streamlined processes through integration.

Achievements:

1. Reduced downtime with robust recovery.
2. Improved database performance by 30%.
3. Increased user adoption by 20%.

## MAXIT

Software Engineer

December 2010 - January 2013 (2 years 2 months)

Dhanmondi, Dhaka.

### Duties/Responsibilities:

1. Crystal Reports: Create reports using Crystal Reports, involving data manipulation, layout design, and filtering for valuable insights.
2. VB and C# Programming: Develop and optimize software applications using Visual Basic (VB) and C# for desktop, web, and mobile platforms.
3. ASP.NET and C# Web Programming: Build dynamic web applications with ASP.NET, C#, HTML, CSS, and JavaScript for a seamless user experience.
4. Software Maintenance: Identify and fix bugs, apply updates, and enhance existing software to ensure reliability and up-to-date performance.
5. Customer Support: Support clients and users exceptionally, addressing questions and troubleshooting software issues effectively.

## IPvision Canada Inc

Network Support Engineer

September 2009 - November 2010 (1 year 3 months)

- Testing and validating VOIP switches for efficient call routing, signaling, and media processing while ensuring high call quality.
- Working with VOIP software like MERA and VOS to configure and manage platforms, optimize performance, and implement security measures.
- Providing network support to troubleshoot connectivity issues and ensure seamless VOIP communication.
- Offering remote administration services, including routine maintenance and system monitoring for optimal VOIP infrastructure operation.
- Leveraging expertise and staying updated with industry trends to deliver efficient and reliable business communication solutions, exceeding client expectations.

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## Education

Jahangirnagar University

Master's Degree, Computer Science · (2013 - 2014)

Bangladesh University

Bachelor's Degree, Computer Science and Engineering · (2009 - 2012)

Sylhet Polytechnic Institute

Diploma, Computer Engineering · (2004 - 2008)

Chhatak Cement Factory High School

S.S.C, Science · (1994 - 2004)