

# Al Amin Hossain

Senior Software Engineer

## Career Summary

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Software Engineer proficient in .NET Core, SQL, C#, and adept at managing databases like Oracle, MySQL, MSSQL, and Redis. Skilled in Git, GitHub Actions, Azure DevOps Server, and Docker for streamlined development processes. Known for optimizing workflows, reducing project timelines, and delivering impactful solutions. Earned a Master's degree in Computer Science with accolades including Best Student Award and ICB Integrity Awards.

## Skills

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**Language and Framework:** .NET Core, SQL, .NET, C#

**Database:** Oracle, Mysql, MSSQL, Redis

**Version Control, CI/CD:** Git, Github actions, GitLab

**Tools & Platform:** Azure DevOps Server, Docker, Azure

**Competencies:** REST API, Micro-services, TDD, Linux, Nginx, Agile, Scrum

## Experiences

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**Investment Corporation of Bangladesh (ICB) — Software Programmer** NOV 2022 - PRESENT

- Introduced streamlined process flows in software development and implementation, which contributed to a 25% decrease in project delivery timelines
- Improved data retrieval efficiency by 30% by optimizing the backend API
- Successfully delivered the User Management System, which led to a 90% reduction in administrative overhead related to user account management
- Standardization of Application Development process.

**BrandTrader— System Analyst (Remote)** APR 2022 - PRESENT

- Orchestrated the development of an exceptional application at Brand Trader, leading to a 20% increase in operational efficiency for businesses through streamlined process flows
- Pioneered innovative features within the application, such as inventory management, bidding, and invoicing systems, ensuring a 70% reduction in manual workload for clients

**Investment Corporation of Bangladesh — Assistant Programmer** JUN 2013 - NOV 2022

- Implemented security measures to safeguard data integrity and confidentiality, resulting in a 30% decrease in security incidents and ensuring compliance with industry standards
- Designed, developed, and maintained APIs using industry-standard protocols and frameworks, which increased 90% overall system reliability
- Implemented best practices in coding standards, achieving an 85% reduction in post-release defects

**Kallol Group of Companies — Software Engineer**

FEB 2013 - JUN 2023

- Achieved a 10% increase in user satisfaction through enhanced user interface design and streamlined functionality
- Enhanced database performance by 20%, optimizing query execution and data retrieval efficiency
- Improved data accuracy through meticulous analysis and refinement processes, yielding a 10% reduction in data entry errors

**Max IT — Software Engineer**

DEC 2010 - JAN 2013

- Executed bug identification and resolution thereby fortifying software reliability and ensuring peak performance, which culminated in a 50% decrease in system downtime
- Designed and optimized software applications across desktop, web, and mobile platforms utilizing Visual Basic (VB) and C#, enhancing application load times by 30%
- Developed dynamic web applications using ASP.NET, C#, HTML, CSS, and JavaScript growing user engagement by 20%

**IPvision Canada Inc — Network Support Engineer**

Sep 2009 - NOV 2010

- Reduced security incidents by 20% by utilizing MERA and VOS software
- Diminished downtime incidents by 70% by providing remote administration services

**Projects**

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- General Ledger: Developed a comprehensive General Ledger system
- ICB Portfolio Management System: Empowering users to manage investment portfolios
- User Management System: Management of user accounts, permissions, and access control
- Brand Trader Application: a System for B2B Offers and Negotiation for traders.

**Education**

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Masters' Degree, Computer Science

Institution: Jahangirnagar University Graduation Year: 2014

Bachelor's Degree, Computer Science and Engineering

Institution: Bangladesh University Graduation Year: 2012

**Awards & Certifications**

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Best Student Award - Bangladesh University - Jun 2012

ICB Integrity Awards - Investment Corporation of Bangladesh (ICB) - June 2020

Certificate of Completion: Photography Course - Sololearn 1015-520299

**Contact**

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