

Mohammad Sakhawat Hossain

Full Stack Developer

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Chittagong, Bangladesh

Summary

Experienced IT professional with 20+ years in enterprise applications, trading systems and financial platforms. Proven expertise in full-stack development, project management, and mission-critical system integration, with strong leadership and adaptability in high-pressure environments. Passionate about building fast, modern web applications and especially interested in real-time data handling using socket programming for fintech platforms.

Skills

- **Languages:** C/C++, Visual C++ (MFC), C#, JavaScript
- **Frameworks & Libraries:** ASP.NET, ASP.NET Core, React, Node.js, Next.js, Entity Framework
- **Databases:** SQL Server, Oracle, MongoDB, MySQL, MS Access
- **Tools & Technologies:** Git, Jira, DevExpress, WebSocket, Redis, Visual Source Safe, Stripe, SSLCommerz
- **Cloud & DevOps:** Microsoft Azure, CI/CD Pipelines
- **Methodologies:** Agile, Scrum

Experience

[Chittagong Stock Exchange PLC](#) | Deputy Manager | Jun 2010 – Present

- Implemented trading systems and clearing protocols with in-depth expertise in FIX/FAST, enabling efficient real-time order processing and surveillance monitoring.
- Developed API integrations, digital submissions for listed companies, and online reporting for TRECHolders for compliance and real-time reporting.
- Managed OMS vendor certifications and API troubleshooting to ensure compliance and stability.
- **Tools:** C#, ASP.NET (MVC), ASP.NET Core, DevExpress, Jira, GitHub

[Vintage IT Limited](#) | Team Leader | Nov 2008 – May 2010

- Managed development of a web-based project management tool like Microsoft Project.
- **Tools:** C#, ASP.NET (MVC), ASP.NET Core, DevExpress, Jira, GitHub

[Enosis Solutions](#) | Software Engineer | Apr 2007 – Oct 2008

- Developed Visual Environment project for ESI Group, integrating with simulation tools.
- **Tools:** VC++(MFC), Visual Source Safe

[Apsis Resources Limited](#) | Software Engineer | Jan 2004 – Mar 2007

- Developed SignWriter design suite for VKF Renzel GmbH (Germany).
- **Tools:** VC++(MFC), Visual Source Safe

Portfolio Projects

Next Gen Order Management System | [Source](#) | [Demo](#)

- Enterprise-grade Order Management System with FIX 5.0 SP2, FAST protocol, and Redis-based microservices for real-time trading.
- **Tools:** C#, React, TailwindCSS, Express.js, WebSocket, Redis

Study Hub | [Source](#) | [Live](#)

- Social learning platform for academic group collaboration with authentication, payments, and real-time updates.
- **Tools:** React, MongoDB, TailwindCSS, JWT, Firebase, Stripe, SSLCommerz

Athletic Hub | [Source](#) | [Live](#)

- Fitness community platform for managing and joining local workout groups with social features and notifications.
- **Tools:** React, MongoDB, TailwindCSS, Firebase, Express.js

Hobby Hub | [Source](#) | [Live](#)

- Community platform for hobby enthusiasts with responsive UI/UX and cloud-based group management.
- **Tools:** React, MongoDB, TailwindCSS, DaisyUI, Firebase

Education

- Master of Computer Science (MCS) – University of Pune, India (2003)
- Bachelor of Computer Science (BCS) – University of Pune, India (2001)

Languages

- English | Bengali | Hindi

Certifications & Memberships

- **MBCS:** Member, Bangladesh Computer Society (BCS) | ID: 01131
- **MACS:** Member, Australian Computer Society (ACS) | ID: 3036099
- **Training:** 6-month program in Network Technologies (Novell, India)
- **Training:** 3-month program in Software Engineering and Management (Sweden)