

Hossain MD Farhad

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PROFESSIONAL SUMMERY

I am a Full Stack Web Developer and have 5+ years of working experience in building web applications. I have experience in Inventory Management applications, E-Commerce applications, Project Monitoring Software, Accounting Applications, and API integration. I am seeking a role where I can leverage my technical expertise to drive innovation and efficiency.

RELEVANT SKILLS

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|--------------------------|---|
| - Programming Languages: | C#, SQL, JavaScript, HTML, CSS |
| - Frameworks: | ASP.NET, .NET Core, Entity Framework, Angular |
| - Databases: | MSSQL Server, Oracle |
| - Tools: | Git, GitHub, JIRA, HANSOFT |
| - Methodologies: | RESTful API, MVC |

PROFESSIONAL EXPERIENCES

Senior Software Engineer (Freelance), AdvancePro Technologies January, 2023 – Present

- Develop the backend of AdvancePro, an inventory management software product.
- Optimized backend architecture, resulting in a significant increase in system performance.
- Developed and maintained robust RESTful APIs, enabling seamless integration with other platforms such as Shopify, Avalara and many more.

Challenges: Encountered significant backend latency and response time issues that affected system performance and user experience.

Improvements: Conducted thorough performance analysis and refactored the backend architecture to reduce latency and improve response times by 30%. Implemented efficient database queries and optimized API endpoints.

Senior .NET Programmer, MobilityOne Sdn Bhd December, 2022 – August, 2024

- Develop high-quality software design and architecture.
- Identify, prioritize and execute tasks in the software development life cycle.
- Develop tools and applications by producing clean, efficient code.
- Developed and maintained robust RESTful APIs for an automated biller system, optimizing pending transactions by more than 90%.

Challenges: Faced difficulties integrating various payment platforms, which caused transaction delays and inconsistencies for municipal utilities.

Improvements: Automated critical tasks through schedulers, enhancing efficiency and reducing manual errors. This led to smoother transactions and improved user satisfaction.

Software Engineer, Prime Tech Solution Limited

March, 2018 – December, 2022

- Write well-designed, testable code.
- Deploy software components into a fully functional software system and evaluate user feedback.
- Developed and managed backend APIs for a .NET Core & Angular-based e-commerce web application using Clean Architecture, improving response times and system performance

Challenges: Struggled with real-time data synchronization for the Distribution Management System, leading to data inconsistencies and inefficiencies.

Improvements: Implemented real-time data synchronization using SignalR, which greatly improved data consistency and system efficiency.

EDUCATION

- **Master of Engineering (M.Eng.) in Cloud based Software Engineering**
Vaasa University of Applied Science (VAMK), 2025
- **Master of Science (M.Sc.) in Information Technology**
University of Dhaka (DU), 2021
- **Bachelor of Science (B.Sc.) in Computer Science and Engineering**
American International University Bangladesh (AIUB), 2018

LANGUAGE SKILLS

BENGALI: Native, **ENGLISH:** Advanced (TOEFL: 96 [120])

REFERENCES

1. Sajeeb Chandan Saha, *Back-end Lead Engineer*, Advance Pro Technologies
Email: sajeeb@aptx.ca
2. Mohammad Aktaruzzaman Suman, *Team Lead*, Mobility One Sdn Bhd
Email: suman@mobilityonegroup.com
3. Muhammad Ifteraz Hafez, *Project Manager*, Prime Tech Solution Limited
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