Hossain MD Farhad

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PROFESSIONAL SUMMARY

Full Stack Web Developer with 6+ years of experience designing and delivering scalable applications across C#, .NET Core, ASP.NET, Angular, and MSSQL. Skilled in optimizing backend performance, building secure APIs, and integrating third-party platforms. Proven track record of reducing system latency, streamlining workflows, and enabling large-scale transactions in inventory management, e-commerce, and fintech systems. Adaptable, results-driven, and experienced in multicultural, cross-border teams.

CORE SKILLS

- Backend: C#, ASP.NET, .NET Core
- Frontend: Angular, TypeScript, JavaScript, jQuery
- Databases: MSSQL, Oracle 11g
- Tools & Practices: Git, GitHub Actions, JIRA, Hansoft, Agile/Scrum, Clean Architecture, n-tier Architecture, MVC, OOP, Web API, EF Core, RESTful API

PROFESSIONAL EXPERIENCES

Senior Software Engineer (Freelance)

AdvancePro Tecnologies, January 2023 – Present

AdvancePro is an inventory management solution integrating with QuickBooks, Shopify, Avalara, and other platforms.

- Developed and optimized backend services in .NET Core, MSSQL, and EF Core, cutting API response times by 30% and improving overall system performance.
- Built robust RESTful APIs to support seamless integrations with third-party platforms, enabling automated synchronization across accounting and e-commerce systems.
- Led code reviews and refactoring of legacy modules, improving maintainability and reducing bug rates.

Senior .NET Programmer

MobilityOne Sdn Bhd, December 2022 – August 2024

MobilityOne Sdn Bhd is a Malaysia-based company that provides e-payment solutions and platforms for mobile banking, prepaid distribution, and electronic transactions.

- Worked on the eBilling System, enabling citizens to pay municipal bills (water, gas, electricity, etc.) online.
- Developed APIs in .NET Core with MSSQL and Oracle 11g, powering bill verification, payments, and transaction updates across multiple municipalities (e.g., Majlis Daerah Hulu Selangor).
- Designed and implemented an automated settlement system with Hangfire background jobs, integrated with third-party payment providers, reducing pending transactions by 90% and ensuring >85% of settlements completed within 24 hours.

Software Engineer
Prime Tech Solution Limited, March 2018 – December 2022

Prime Tech Solutions Limited is a technology company specializing in software development and IT solutions.

- Banglalink Distribution Management System (DMS): Improved supply chain operations by implementing real-time synchronization with SignalR, ensuring consistent inventory and sales data across distributors, RSOs, and retailers.
- IRIDP-2 (Important Rural Infrastructure Development Project): Delivered a full-stack ASP.NET MVC solution for monitoring road, bridge, and culvert construction projects. Implemented role-based access control and reporting dashboards to streamline project oversight for government officials.
- AARMOIRE e-Commerce: Built .NET Core APIs with Clean Architecture and Angular-based UI, supporting inventory, sales, loyalty programs, and reporting modules.

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]), **Finnish**: Actively Learning

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
   Email: *ifteraz@primetechbd.com*