Hossain Mohammad Farhad

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GitHub | 🌐 | in

PROFESSIONAL SUMMARY

Full Stack Web Developer with over 4 years of experience designing and delivering scalable applications across C#, .NET Core, ASP.NET, Angular, and MSSQL. Proven track record of reducing system latency, streamlining workflows, and enabling large-scale transactions in inventory management, SaaS, e-commerce, and fintech systems. Adaptable, results-driven, and experienced in multicultural, cross-border teams.

CORE SKILLS

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

PROFESSIONAL EXPERIENCES

Software Engineer (Freelance)

AdvancePro Technologies, January 2023 – Present

AdvancePro is a Canadian SaaS company providing inventory management solutions integrated with QuickBooks, Shopify, Avalara and other platforms.

- Enhanced API efficiency by doing a deep performance analysis and moving beyond strict REST conventions to design a lean, dedicated search API that returned only essential data, reducing response times by 30%.
- Integrated payment workflows with Authorize.net, enabling secure online transactions and automated invoice generation for 200+ active business clients.
- Developed RESTful APIs as a part of the team to automate synchronization between inventory, eCommerce and accounting with multiple parties.
- Led code reviews and refactoring of legacy modules, improving maintainability and reducing bug rates.

.NET Programmer

MobilityOne Sdn Bhd, December 2022 – August 2024

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

- Built and maintained APIs in .NET Core with MSSQL and Oracle for a public-facing eBilling system used across multiple municipalities, enabling continuous payments for utility bills.
- Developed an automated settlement system using Hangfire background jobs to handle 200–300 real-time daily transactions, reducing pending settlements by 90% and achieving >85% completion within 24 hours.
- Collaborated with a 4-member backend team to enhance fintech modules and

ensure reliable transaction processing across regional payment gateways using microservices patterns.

Software Engineer

Prime Tech Solution Limited, March 2018 – December 2020

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

- Enhanced supply chain transparency in the Banglalink DMS system serving 4,500 distributors and 200,000 retailers, implementing real-time updates with SignalR.
- Delivered an ASP.NET MVC system for IRIDP-2, enabling the government to track infrastructure projects nationwide with role-based dashboards and performance analytics.
- Built modular .NET Core + Angular e-commerce APIs for AARMOIRE, supporting inventory, loyalty, and reporting features and CI/CD pipelines via GitHub Actions.

EDUCATION

- **Master of Engineering (M.Eng.) in Cloud based Software Engineering**
  Vaasa University of Applied Science (VAMK), 2025

- **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

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1. Sajeeb Chandan Saha, *Back-end Lead Engineer*, Advance Pro Technologies (Colleague) Email: *sajeeb@aptx.ca*

2. Mohammad Aktaruzzaman Suman, *Team Lead*, Mobility One Sdn Bhd (Direct Supervisor) Email: *suman@mobilityonegroup.com*