

Md. Parvej Bapary

Software Developer
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SUMMARY

Results-driven software engineer with 10+ years of experience delivering scalable web applications and system architecture in the fintech, banking, and national ID sectors. Skilled in full-stack development, microservices, FIX/ITCH protocols, and cross-border tech collaboration. Proven leadership in both public and private sector ICT projects.

TECHNICAL SKILLS

Languages: C# , PHP, NodeJS, Python, Java
Frameworks: Laravel, Node.js, ReactJS, Express
Databases: PostgreSQL, MSSQL, MySQL, SQLite
Tools/Platforms: Docker, Git, Crystal Reports, Visual Studio, Android Studio
API Integration: Google Maps, PayPal, Dhaka Stock Exchange, Standard Chartered Bank
Architecture: Microservices, FIX, ITCH, FAST, Socket Programming, MQTT
Others: System Analysis & Design, DevOps basics, Agile, Procurement (Govt projects)

PROFESSIONAL EXPERIENCE

Quant FinTech Ltd (QFL) – Sr. System Analyst & Domain Expert

Jun 2023 – Present

- Designed microservices-based OMS for brokers; deployed for 20+ clients.
- Leading development of core fintech systems including FIX + ITCH integration.
- Contributed to strategic planning, software design, and system architecture.

Capital Market Stabilization Fund (CMSF) – Acting Head of ICT, Sr. Software Engineer

Feb 2022 – Jul 2023

- Oversaw government ICT infrastructure ensuring regulatory compliance.
- Developed internal systems for fund and investor management.
- Worked on PERN stack (PostgreSQL, Express.js, React, Node.js) for building scalable applications.

Fintech Lab Limited – Lead Developer

Aug 2021 – Dec 2021

- Integrated AI features into existing platforms; modernized legacy codebase using Node.js and ReactJS.

Royal Capital Limited – Software Developer

Jul 2013 – Aug 2021

- Delivered full-cycle development of internal trading systems and BO account tools.
- Built secure financial transaction modules and DSE integration layers.
- Developed Windows Form Applications using .NET Framework versions 3.5 to 4.8.
- Managed MSSQL Databases from 2005 to 2016.
- Worked with .NET Core 3.1 (LTS) for backend services.

Freelance (Upwork / Odesk) – **Freelancer**
2013 – 2014

- Developed diverse web applications for global clients (US tax system, eKYC, mobile finance).
- Profile: <https://www.upwork.com/freelancers/~01c418d3d8267ef855>

KB IT (Part-time) – **Web Developer**
2012 – 2013

- Designed web structures and templates meeting client goals and usability standards.
- Developed static and dynamic websites using HTML, CSS, JavaScript, and PHP.

PROJECT HIGHLIGHTS

- OMS with FIX/ITCH/FAST Protocols: Real-time broker connectivity with exchanges in Bangladesh.
- Digital BO Account Integration: Connected with CDBL API for seamless onboarding.
- National ID eKYC System: Integrated Porichoy services for real-time verification.
- IPO Application System: Led development from pilot to stable LTS version at Royal Capital.

EDUCATION

BSc in Computer Science & Engineering
Stamford University, Bangladesh (2010–2016) | CGPA: 3.35 / 4.0

IELTS
British Council, Bangladesh (2008) | Band Score: 6.0

ACHIEVEMENTS & ACTIVITIES

Contestant, ICPC Asian Regional Programming Contest, 2012 || Participated in Microsoft Windows 7 Hackathon, 2010 || Volunteered in USAID Community Fire Safety Training

REFERENCES

References available upon request.