Md Moshiur Rahman

Software Engineer
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Work Experience

REEA Digital Limited
Software Engineer → Senior Software Engineer   December 2022 – Present

– Implemented backend services using **.NET, Go,** and **Laravel**. In some projects, this reduced manual work by up to 75%, accelerated service delivery by 50%, and improved client satisfaction by 30%.

– Developed several mobile apps with new features using **React Native, QT/QML, Kotlin, SwiftUI,** and **Flutter**, improving user reach and stability, leading to a 30% satisfaction boost in some cases.

Enosis Solutions
Software Engineer   April 2021 – December 2022

– Resolved 50+ critical bugs and implemented new features in cross-platform Android and UWP applications using **Xamarin**, improving application stability by 25%.

– Improved multiple **.NET** desktop application, modernizing the UI with **WPF** and implementing MVVM architecture for enhanced maintainability; In some cased it increased application performance by 40% and reduced memory usage by 25%.

– Conducted several R&D initiatives, including crash dump generation for a leading computer accessories company that held over 40% of the gaming component market at the time.

Professional Projects

Youmio

– A game where I integrated **Stripe** for real-money payments and subscription management into the backend using **.NET**.

– Developed in-game store supporting both real and virtual currency.

– Built and maintained CMS backend and frontend using **Next.js** for game content management.

Arabic Unlocked

– A Duolingo-like app to learn Arabic.

– Developed with **React Native**, **Expo**, and **TypeScript**.

– Implemented various types of lesson functionalities.

Educube

– Implemented **Dropbox integration** for seamless file management using **Laravel**.

– Integrated **Xero** for automating invoice management.

– Extended CMS back-end with new features to improve usability.

Email Verifier

– Developed a scalable back-end service in **Go**, implementing robust role management and authorization to secure user access and data integrity.

– Optimized several key database queries, resulting in significant performance improvements and faster response times for email verification.

– Designed and implemented a parallelization strategy for a long-running background process, reducing the processing time by 75% and significantly improving the efficiency of the system.

Pow Pow

– Built a cross-platform QR code-based mobile application for food ordering and payment system using **Qt/QML** and **C++**.

– Developed features for menu ordering, bill payment, order acceptance/rejection, and bill splitting.

– Solved the challenge of splitting bills among multiple diners sharing the same QR code.

Infonet POS

– Developed POS features for gas station machines, supporting money or gas-based purchases.

– Added new modules to the cross-platform (Android & UWP) app using **Xamarin**.

– Enhanced desktop reporting and pump management application using **.NET** and **WPF**.

Cianflone Scientific

– Updated features in a **.NET** desktop application controlling heavy machinery via **socket connections**.

– Revamped UI components using **WinForm** for a modernized look and improved usability.

Skills

Programming Languages & Frameworks: C#, .NET, Go, Laravel, C/C++, QT/QML, SwiftUI, Android (Java & Kotlin), Xamarin, Next.js, React Native, Expo, TypeScript, WPF, WinForm.
Databases: MS SQL Server, MySQL, PostgreSQL.
Cloud Platforms & APIs: AWS, Dropbox, Stripe, Xero.
Methodologies & Concepts: SOLID, Rest API, Clean Architecture, Microservices, Socket Programming.
Soft Skills: Leadership, Communication, Team Player, Ownership mindset.

Education

Bangladesh University of Professionals
MBA (Professional)

Rajshahi University of Engineering & Technology
Bachelor of Science in Computer Science & Engineering

Additional Information

– Achieved top placements in national programming contests **(2nd, 9th, 11th, etc.)** and solved **1900+** problems on platforms like HackerRank, Codeforces **(Max Rating: 1864)**, and CodeChef.

– Problem Setter, Alternate writer and judge for notable contests, including the National High School Programming Contest and the Ada Lovelace National Girls' Programming Contest.

– Mentored at RUET Analytical Programming Lab, managing multiple sessions.

– IELTS Score: 7.5 (No band less than 6.5).