

Al-Amin Mahfuzur Rahman

Senior Software Engineer — enterprise software and mobile apps (Android & iOS)

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SUMMARY

Senior Software Engineer with **6+ years** building enterprise platforms, Microsoft Dynamics 365 Business Central extensions and cross-platform mobile apps for Android and iOS. Currently engineering the **CIO Management Application for Western Digital**, and previously built the first version of **GoGlobal's** management platform — both delivered through **Altios** — alongside Business Central localization for **Microsoft**. Works end to end, from ASP.NET Core and SQL Server back ends to AWS, Google Cloud and Firebase, and ships apps to Google Play and the App Store.

SKILLS

Enterprise & ERP	Dynamics 365 Business Central, AL, RDLC reports, Crystal Reports, NBR fiscal localization (VAT, tax)
Back end & web	C#, ASP.NET Core, ASP.NET MVC 5, Entity Framework Core, RESTful APIs, .NET Web Forms, Next.js, React, jQuery & Bootstrap
Mobile	Flutter, Dart, Android, iOS, Bloc / Provider, Firebase Auth & FCM, Google Play Console, App Store Connect & TestFlight
Cloud & DevOps	AWS (EC2, S3, RDS), Google Cloud VMs (Compute Engine), Firebase, Linux / Ubuntu, Nginx, CI/CD pipelines, SSL/TLS, Vercel, Netlify
Data	MS SQL Server, T-SQL stored procedures, PostgreSQL / Prisma, Firestore
Languages	C#, Dart, JavaScript (ES6+), SQL, HTML & CSS, C / C++
Architecture	Clean Architecture, N-tier, Repository & Unit of Work, SOLID, Facade pattern, unit testing

EXPERIENCE

Senior Software Engineer at Bizzntek Ltd.

Oct 2020 – Present · Uttara, Dhaka

Enterprise web applications, Dynamics 365 Business Central extensions, cloud and high-throughput API back ends.

- **Western Digital — CIO Management Application** (client via **Altios**, ongoing). Engineering the executive CIO application for **Western Digital**: IT governance workflows, integration pipelines across enterprise systems, high-throughput back-end APIs and operational analytics.
- **GoGlobal — first-version management platform** (client via **Altios**). Built the foundational platform for **GoGlobal's** Employer of Record (EOR) business: entity setup, cross-border compliance tracking and ERP data synchronization.
- **Microsoft — Dynamics 365 Business Central localization for Bangladesh**. Key developer of AL extensions implementing National Board of Revenue (NBR) rules: VAT withholding, tax computation and statutory audit reporting.
- **PIRAMIDS — real estate portfolio management (USA)**. Delivered property, leasing and hospitality modules for **PIRAMIDS**: booking engines, automated tenant invoicing, payment-gateway integration and financial ledgers.

Software Engineer at SmartSoft Technology

Mar 2019 – Sep 2020 · Mirpur, Dhaka

Manufacturing ERP systems, point-of-sale platforms and SQL Server solutions.

- **Factory Management ERP** (MH Golden Jute Ltd.). Raw jute intake, batch production workflows, warehouse inventory and automated double-entry accounting.
- **Smart Sell POS & inventory** (Kushtia Tech). Role-based field-sales order booking, multi-warehouse stock synchronization and ledger reporting.
- **Task & workflow management** (MH Golden Jute Ltd.). Cross-department task assignment with audit trails, milestone tracking and productivity reports.

Software Engineer at Genuine Technology & Research Ltd. (GTRBD)

Oct 2018 – Feb 2019 · Uttara, Dhaka

Biometric hardware integration, attendance and automated payroll.

- **Garments HR & biometric payroll** (FnF Fashion BD). Integrated ZKT fingerprint devices with SQL Server and built overtime, shift-rotation and monthly payroll calculations for hundreds of factory workers.

COMPETITIVE PROGRAMMING

ICPC Dhaka Regional — onsite contestant 2016

National Computer Programming Contest (NCPC) — onsite contestant 2016

Online judges

Codeforces **7Mahfuz** · UVa **7mahfuz** · HackerRank **7Mahfuz** — data structures, dynamic programming and graph algorithms.

EDUCATION

B.Sc. in Computer Science & Engineering 2018 · CGPA 3.04 / 4.00

Institute of Science, Trade and Technology (ISTT), Dhaka

Higher Secondary Certificate (Science) 2013 · GPA 4.30 / 5.00

Cumilla Victoria Government College

Secondary School Certificate (Science) 2011 · GPA 5.00 / 5.00

Cumilla Zilla School

TRAINING

Full Stack ASP.NET MVC — BASIS Institute of Technology & Management (BITM) Jun – Sep 2018

C#, ASP.NET MVC 5, N-tier architecture, Repository pattern, Entity Framework, SQL Server

Full Stack ASP.NET MVC — Devskill Training Academy Jul – Sep 2017

C#, object-oriented programming, MVC architecture, database design, web services