



Monir Hossain

SOFTWARE ENGINEER

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EDUCATION

[JAHANGIRNAGAR UNIVERSITY](#) [2018]

Professional Masters in Information Technology

[DAFFODIL INTERNATIONAL UNIVERSITY](#) [2012-2016]

BSc in SOFTWARE ENGINEERING

PROFESSIONAL SKILLS AND INTEREST

- Proficiency in troubleshooting, debugging and optimizing existing large legacy codebase.
- Experience decomposing large monolith into microservices and familiar with cloud services.
- Comfortable in a fast-paced environment, multi-tasking, agile methodologies, unit testing and managing Projects
- Able to work independently and collaborate in a team environment
- A passion for solving problems and providing workable solutions
- Engaging and enthusiastic personality
- Mentoring and leading junior engineers and helping them develop their skills

TECHNICAL SKILLS

LANGUAGES: C#, JavaScript, Typescript, PHP, Python, Solidity

FRAMEWORKS: .NET, .NET Core, WPF, Xamarin, Blazor, Node.JS, React, Laravel

REPORTING: Power BI, RDLC, Crystal Report, SSRS

DATABASES: MSSQL, MySQL, PostgreSQL, MongoDB, Redis

PROTOCOLS: TCP, UDP, HTTP, SMTP, SSH, RS232, SignalR

DEVICES: RFID Scanner, Weight Scale, Milk Analyzer

OTHERS: CI/CD, Microservices, JWT, OpenID, OAuth2, TDD, Unit Testing, Design Patterns and Principals, REST API, GraphQL, Blockchain, [IdentityServer4](#), xUnit, moq, Domain-Driven-Design, API Gateway ([Ocelot](#))

TOOLS: Docker, Kubernetes, GIT, AZURE, [JIRA](#), [RabbitMQ](#)

PROFESSIONAL EXPERIENCE

[CHECK24](#) - GERMANY (SOFTWARE ENG.) [2023-CURRENT]

[ACI LIMITED](#) - BANGLADESH (SOFTWARE ENG.) [2019-22]

[PRANRFL-GROUP](#) - BANGLADESH (SOFTWARE ENG.) [2018-19]

[XERONEIT](#) - BANGLADESH (SOFTWARE ENGINEER) [2017-18]

AWARD: "BEST EMPLOYEE OF THE YEAR"

YESCODERS - BANGLADESH (JR SOFT ENG) [2015-16] [PART-TIME]

PROJECTS

[INITIATE.AI](#) - AI-POWERED CONTENT CREATION TOOL

AI based text and video content generation tools for marketing team.

Technologies: React, Redux, Node.js, Typescript, Express

Others: OpenAI, FFmpeg

MIS.DIGITAL - POWER BI EMBEDDED DASHBOARD

Embedded Power BI reporting portal for top level management.

- Group wise embedded power BI reports

- ACL of BI reports, Azure Capacity management.

Technologies: .NET Core, MSSQL, EF

Others: Clean Architecture (DDD), **Azure, POWER BI SERVICE**

FIXED ASSET MANAGEMENT SYSTEM

The process of tracking and maintaining an organization's physical assets and equipment.

- Track and manage fixed assets, depreciation, revaluation, disposal, incremental cost tracking, documents, cost allocation, maintain retired, sold, stolen, lost or Transfer Assets, etc.

Technologies: ASP.NET MVC, MSSQL, Entity-Framework

Others: N-Tire Architecture, Repository Pattern, Dependency Injection, Unit Testing (xUnit), SaaS application.

THE MILKMAN - PRAN DAIRY BUSINESS AUTOMATION

An IoT based automated dairy business solution.

- Manages all the process like milk collection, analyze measurements, milk transfer, daily collection target manages, farmer targets, payments & loan management, Schedule backup, app auto update.

Protocols: HTTP, TCP, RS232

I/O Devices: Milk analyzer, Weight Scale, RFID Scanner, Printer.

Technologies: ASP.NET MVC, Web API, Windows Form, MSSQL, SQLite, RDLC

THE GATEKEEPER - OAUTH2 SERVER

A mobile recharge service that validates authorization and manage mobile recharge requests of various providers.

- Client app credentials management, OAuth2 flow and personal token system, token validity, revoke access token, request rate limiting, SMS and email notifications, [Surecash](#) mobile recharge requests managements.

Technologies: PHP, Laravel, Laravel-Passport, MySQL, VueJs.

THIRD EYE - FIELD FORCE TRACKING & MANAGING

- Employee location tracking & monitoring, Attendance, task distribution, Employee live locations, emergency alert, SMS, Email, Push notification, etc.

Technologies: Laravel, Rest API Server, SMTP, SMS, MySQL, Google map, Firebase.