

# Tasmia Tasmin

Software Engineer

## WORK EXPERIENCE (4+ YOE)

**BacBon Limited**, Dhaka, Bangladesh - Software Engineer

December 2022 – December 2025

- Customized Learning Management System (LMS) applications to address diverse client requirements by implementing Trainer/Mentor panels, Batch Management, and User Management modules.
- Enhanced user engagement through **email notifications**, interactive training modules, **gamification** features, and integration of **RESTful APIs** with third-party services like **SMS Gateway**.
- Automated data backup processes** by scripting manual and scheduled backups, improving system recovery speed by **50%** and reducing downtime incidents by **40%**.
- Migrated legacy LMS (.NET Framework 4.7) to a scalable, multi-tenant SaaS architecture using .NET Core, improving security and client isolation.
- Optimized a legacy LMS on .NET 4.7 and Angular, achieving 40% faster performance through database indexing, raw SQL optimization, frontend improvements, and reduced server calls.
- Gathered client requirements, analyzed workflows, and designed user interaction flows to guide development teams; conducted on-site and online client training sessions.

**Enlight Solutions Limited**, Dhaka, Bangladesh

March 2022 – November 2022

- Implemented **features, APIs, and bug fixes** in **Angular** and **ASP.NET Core**, designed **databases and SQL views**, integrated **SSLCOMMERZ Payment Gateway**, developed **common Angular components**, and contributed to **mock-up and planning**.

## PROJECTS

### Amader Academy

- Developed and maintained a comprehensive Learning Management System (LMS) with features including Course module, Instructor assignment, Exam module, Job portal integration, Company management, Blog.

### Utshob Platform

- Designed and developed a centralized event booking platform for rental and non-rental services.
- Automated partner onboarding and scheduling, reducing effort by 40% and onboarding time by 60%.

### Korean Offshore EdTech Project

- Developed scalable RESTful APIs with Swagger documentation; implemented global exception handling.
- Secured endpoints using custom AuthGuards, JWT, and role-based access control (RBAC)

### Enterprise LMS for Corporate Bank

- Developed and maintained a scalable LMS serving 10,000+ users across multiple banks, enabling efficient course management, interactive training, and progress tracking.
- Managed UAT and production deployments in IIS Server.

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## SKILLS

### Languages:

Golang

C#

C/C++

TypeScript

JavaScript

### Frameworks:

ASP.NET Core

.NET Framework

Angular

### Libraries/Tools:

Entity Framework Core

LINQ

Entity Modeling

Bootstrap

VBA

Macros

SignalR

Hangfire

Firebase

IIS Server

### Databases:

MS SQL Server

PostgreSQL

MySQL

### Concepts:

OOP

SOLID Principles

Design Patterns

Clean Code

Git

Agile / SCRUM Methodologies

## EDUCATION

American International

University-Bangladesh, M.Sc. in Computer Science

East West University, B.Sc. in

Computer Science &

Engineering