

# Md Symon Hasan Shohan

Senior Software Engineer | .NET Developer

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## SUMMARY

Experienced software developer with **over 4 years** of experience developing large-scale web-based software solutions using technologies such as ASP .NET, .NET Core, SQL Server, SSRS, etc. Able to quickly adapt to diverse technology stacks with a strong background in competitive programming. Love to write clean and maintainable code and follow best practices.

## WORK EXPERIENCE

### Enosis Solutions

DHAKA, BANGLADESH

Enosis Solutions is a top-tier software development team assisting owners and decision makers to implement digital initiatives to achieve lasting financial success.

#### Senior Software Engineer

SEPTEMBER 2022 - FEBRUARY 2025

- Prepared sprint plan for a **6-member** team with proper estimation and timelines.
- Participated in dev sync, sprint planning, sprint demonstration, and sprint retrospective.
- Developed new features by analyzing user stories, system flow, data usage, and work processes.
- Reviewed the code of other team members (**3-4**) to ensure quality delivery.
- Collaborated with team members to ensure knowledge transfer.
- Worked on analysis of R&D-intensive tasks and documented optimal solutions.
- Migrated multiple apps to Azure as a key member of the Azure Migration team.

#### Software Engineer

SEPTEMBER 2020 - AUGUST 2022

- Participated in analysis, task breakdown, estimation, and development of new user stories.
- Worked closely with customer support to resolve production issues.

## SKILLS

**Programming Languages :** C#, JavaScript, Visual Basic

**Technologies :** ASP .NET MVC, .NET Core, .NET WebAPI, ASP .NET WebForms, SQL Server, SQL Server Reporting Service (SSRS), SQL Server Data Tools (SSDT), Dapper, SignalR, Swagger, HTML, CSS, jQuery, xUnit, NSubstitute, Moq

**Tools :** Visual Studio, Git, Jira, Confluence, SourceTree, DiffMerge

**Azure Resources :** App Service, App Configuration, Key Vault, Application Insights, Redis, Blob Storage, Managed Identity, Container App, CosmosDB, Azure VM, Azure Event Hub

## PROJECTS

### Denticon

URL - <https://denticon.com>

Denticon is a cloud-based dental practice management solution that ensures the practice has everything it needs to manage, and take care of the patients.

- Developed new features and resolved bugs to enhance system functionality and user experience.
- Designed **over 50** complex parameterized business reports (RDL) using Microsoft SQL Server Reporting Service.
- Optimized SQL stored procedures to improve SSRS report's performance by approximately **60%**.
- Introduced caching in the JavaScript end for the report module leading to significant improvements (approximately **70%**) in reducing the database call and initial load time.
- Migrated payment portal application with **over 160K users** to Azure, upgrading the framework from .NET Core 2.0 to .NET 6, optimizing the codebase, and integrating Azure services like App Configuration, Key Vault, and

Application Insights for **enhanced security** and **performance**.

- Restructured and migrated the SSRS report rendering application to Azure, upgrading the framework from .NET 3.5 (WebForms) to .NET 4.8 (MVC), redesigning the architecture, and rewriting the codebase from VB.NET to C# resulting in **improved scalability** and **performance**.
- Developed a two-step login application to streamline the rollout of the legacy application to Azure within **3 months**, serving approximately **10K practices** and **60K users**.
- Led a team of **5–6 members** in migrating multiple projects to Azure, upgrading project framework, codebase refactoring, and integrating Azure services.
- Designed and implemented APIs and microservices to enhance performance for processing and transmitting claims, resolving frequent gateway timeout issues and reducing user wait times by approximately **80%**.
- Developed and integrated a class library to implement the Stripe payment method across multiple transaction modules, enabling manual and device payments for over **10K practices**.
- Wrote unit tests using xUnit and NSubstitute to ensure **high code quality**.

**Technologies:** .NET, .NET Framework, jQuery, HTML, CSS, SQL Server, SSDT, Dapper, Redis, Swagger, SSRS, Azure, CosmosDB, SignalR, Docker, xUnit, NSubstitute, Jira, etc.

## Reserveit

URL - <https://reserveitbd.com>

Reserveit is a popular and reliable website for making restaurant reservations in Bangladesh. It's a user-friendly application that makes dining out easier.

- Worked as a core back-end developer in a **6-member** team, implementing key features and services.
- Designed database schema for the entire system using MySQL and EF Core, ensuring proper relationships and data integrity.
- Implemented APIs for **3** web and mobile applications, enabling restaurant setup, reservation management, and booking functionality used by over **50** restaurants.

**Technologies:** .NET, WebAPI, Swagger, MySQL, Entity Framework Core, etc.

## EDUCATION

### University Of Asia Pacific

DHAKA, BANGLADESH

BSc in Computer Science & Engineering

APRIL 2016 - FEBRUARY 2020

- Graduated with a CGPA of 3.57/4.00.

## CERTIFICATION

- [Understanding the OWASP® Top 10 Security Threats \(SKF100\)](#) - It is a standard awareness document for developers about web application security.

## PROGRAMMING EXPERIENCE

- Solved more than 350 problems in different online judges.
  - Online Judge (UVA) (284) - <https://uhunt.onlinejudge.org/id/849838>
  - Codeforces (104) - <https://codeforces.com/profile/symonhasan>
  - LeetCode (35) - <https://leetcode.com/u/symonhasan/>
- Actively participated in inter-university, national, and ACM ICPC Dhaka Regional (2017, 2018, & 2019) programming contests.

## REFERENCES

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