

# SORNALI AKTER

## ASP.NET Developer

07/Road-1/Habib Nager, Khanka Sharif, Kadamtali, Dhaka

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GitHub: <https://github.com/Sornali-Sanu>



## Professional Summary

Junior .NET Developer with experience in designing, developing, and deploying web and cross-platform applications. Proficient in C#, ASP.NET Core, MVC, Web API, Entity Framework, Angular, and SQL Server. Skilled in SDLC, OOP, debugging, and performance optimization. Completed 788+ hours of professional training under the IsDB-BISEW IT Scholarship Programme. Eager to apply technical expertise and problem-solving skills to contribute to innovative .NET development projects.

## Technical Skills

Programming Languages: C#, JavaScript, TypeScript, HTML5, CSS3

Frameworks & Libraries: ASP.NET MVC, ASP.NET Core, Web API, Entity Framework, Angular, React, .NET MAUI

Databases: Microsoft SQL Server 2019, Stored Procedures, Triggers, Functions, Relational Database Design

Tools & Platforms: Visual Studio, Git/GitHub, Postman, Visual Studio Code

Concepts: OOP, RESTful APIs, SDLC, Unit Testing, Responsive Design, Authentication & Authorization

Soft Skills: Problem-solving, debugging, Team collaboration, Scrum methodology

## Projects

### 1. Employee Management System | ASP.NET Core MVC, SQL Server, Stored Procedures

- Designed and developed a **full-stack employee management application** with modules for departments and designations.
- Improved data access performance by **30%** through optimized **stored procedures and indexing**.
- Implemented modular **View Components**, enhancing UI maintainability.

- GitHub:

[https://github.com/SornaliSanu/EmployeeManagementSystem\\_AspNetCoreWithSp](https://github.com/SornaliSanu/EmployeeManagementSystem_AspNetCoreWithSp)

## 2.Student Management System | ASP.NET MVC, jQuery AJAX

- Created a web application to manage student records, course assignments, and image uploads.

- Utilized **AJAX for partial page updates**, reducing page reloads and enhancing user experience.

- GitHub: <https://github.com/Sornali-Sanu/StudentModuleManager-MVC>

## 3.Customer Car Database App | ASP.NET MVC, Entity Framework, SQL Server

- Designed a **relational database-first** application to manage customer-vehicle relationships.

- Automated **CRUD operations** with Entity Framework and enforced data integrity with relational constraints.

- GitHub: <https://github.com/Sornali-Sanu/CustomerCarDatabaseApp>

## 4. Contoso University Project | ASP.NET MVC, Entity Framework

- Developed a university management system using **ASP.NET MVC and Entity Framework**.

- Implemented **CRUD operations** for students, courses, department, instructor and enrollments with **model validation**.

- GitHub: <https://github.com/Sornali-Sanu/EntityFrameworkCodeFirstUsingMVC>

## 5. Bearer Token Authentication API | ASP.NET Web API

- Created a **RESTful API** implementing **Bearer Token** authentication and **role-based authorization**.

- Used **refresh tokens** for secure session management.

- GitHub: <https://github.com/Sornali-Sanu/BearerTokenWebApi>

## 6. JsonWebTokenWithIdentity | ASP.NET Web API

- Developed a secure **RESTful API** with **user registration, login, and JWT-based authentication**. Implemented **role-based authorization** and token validation for protected endpoints.

- Integrated **ASP.NET Identity** and **SQL Server** for user management. Tested endpoints using **Swagger**

- GitHub: <https://github.com/Sornali-Sanu/JsonWebTokenWithIdentity>

## Education

MSc in Chemistry, Eden Mohila College | CGPA: 2.92

BSc (Hons) in Chemistry, Eden Mohila College | CGPA: 3.22

HSC (Science), Barnamala Adarsha High School & College | GPA: 5.00

SSC (Science), Barnamala Adarsha High School & College | GPA: 5.00

## Professional Training

IsDB-BISEW IT Scholarship Programme (788 hours)

- ASP.NET MVC & Core Development
- Web APIs with Azure
- Cross-Platform App Development with Blazor & .NET MAUI
- Advanced Angular & React Web Development
- SQL Server: Stored Procedures, Triggers, Functions, Optimization

## Reference

Syed Zahidul Hassan

Consultant, Show & Tell Consulting Ltd, IsDB-BISEW IT Scholarship Programme

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