

## Ahasanur Rahman Mehul

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### Professional Summary

Aspiring software developer with hands-on experience in .NET 8. Capable of developing and maintaining scalable and efficient .NET applications, with a solid foundation in software engineering principles and best practices. Committed to continuous learning and excellence in delivering high-quality software solutions.

### Language, Framework, Tools and Other Skills

- .Net 8, ASP.NET Core MVC, ASP.NET Core Web API, Worker Service, XUnit, NSubstitute
- Entity Framework Core, Ado .Net
- C#, ES6, JavaScript, Python3
- HTML5, CSS3, Bootstrap5
- OOP, SOLID principles, Clean Architecture, Domain Driven Design
- SQL Server, AWS S3, AWS EC2
- Github, Tortoise Git, Visual Studio

### Work Experience

#### Assistant Software Engineer

Onnorokom Projukti Limited – Kawran Bazar, Dhaka

11/2024 to present

- Working on Udvash ERP web software.
- Working on a Monthly Teacher Attendance System application through fingerprint, card punch with ZKTeco device, which is used by the Onnorkom group employees more than 8k users.
- Developed a Meeting Room Booking System application.

#### Internship (Software Engineer)

Dev Skill - Mirpur-10, Dhaka

05/2024 to 07/2024

- Developed an MCQ-based exam system for the students of Dev Skill by analyzing and designing requirements.
- Worked collaboratively with team members on the front-end and back-end sites.

#### Internship (Software Engineer)

Samsung R&D Institute Bangladesh - CR Dutta Road, Dhaka

06/2023 to 09/2023

- Contributed to make "Smart Navigator Tool" for observing software developer's full insights.
- Fetch data from perforce by making a script by p4 python language.
- Analysis & represent data in (commit, inline & review) a specific format.
- Build a deep learning model to segregate inline & review comments in Efficient & Not Efficient comment.
- Research on Code review process in existing research papers.

### Industrial / Personal Application Projects

Company Name / Personal	Application /Project Description
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## Dev Skill

### MCQ-based Exam System

This project concentrates on MCQ-based exams where students can give exams, update profiles, and view scores. Admins will create question papers including images, and code snippets and maintain question banks to reuse questions. We are working on feature design and implementation.

**Language / Tools:** .Net 8, ASP.NET Core Web API, Entity Framework Core 8, Angular18, SQL Server, AWS S3

## Personal

### Meeting Room Booking System, [Github Code](#)

- After login, user will see available and booked meetings in a scheduler. User can create, update their own booking through drag and resize events in the scheduler in non overlapping time slots, and delete own booking request.
- Users view all room details, meetings assigned as host or guest.
- Admin can create, update, delete own single or repetitive booking and update pending bookings.
- Admin can create, update and view room details by scanning QR code, set meeting time limit, update user role, view, update & search all booking requests etc.

**Language / Tools:** .Net 8, ASP.NET Core MVC, Entity Framework Core 8, SQL Server, Clean Architecture, Domain Driven Design, Daypilot scheduler, Bootstrap5

## Personal

### DiscussionOverflow web app, [Github Code](#)

- After login, the user can post questions, reply, and comment on questions & answers.
- Users can search questions using question tags, titles & can give up or down vote on questions & answers.
- Users get notifications for replies and comments in questions.
- Users can edit their profiles and get rewards for up voting or down voting & update badge according to reputation points

**Language / Tools:** .Net 7, ASP.NET Core MVC, Entity Framework Core 7, NUnit Test, SQL Server, AWS S3, Clean Architecture, Bootstrap5

## Professional Training

- [Full Stack Asp.net Core MVC Web Development](#) – Dev Skill
- [Professional Programming with C#](#) - Dev Skill

## Problem Solving

- Solved 350+ programming problems
- [stopstalk.com/ahasan](https://stopstalk.com/ahasan) , [Leetcode](#)

## Onsite contests

- ICPC Dhaka Regional (2018)
- CUET Divisional programming Contest (2018) (7<sup>th</sup> position)

## Publication

- [Sentiment Polarity Detection Using Machine Learning and Deep Learning](#)

## Education

B.Sc. in Computer Science & Engineering

Premier University Chittagong 2018 to 2023 CGPA: 3.53 out of 4.00