MD ABID HASSAN

☰ OBJECTIVE

To pursue a challenging career where I can utilize my academic knowledge, industry experience, and expertise in Object-Oriented Programming, Web Technologies, and Databases to develop efficient and scalable applications. I am eager to explore my potential and contribute to organizational growth with dedication and continuous learning.

EXPERIENCES

- ❖ **Industry Experiences (Total Exp: 4 Years)** -

Software Engineer | *Gulf State Software (USA, Remote)* | *[May, 2022] – Present*
- Building and maintaining robust software solutions for international clients, providing ongoing client support.
- Collaborating with cross-functional teams to implement features and optimize applications.

Junior Software Engineer | *Shikkhanobish (Online Education Platform, Bangladesh)* | *[Sep, 2021] – [Feb, 2022] | 6 Months*
- Developed in-house applications to enhance the online education experience.
- Gained hands-on experience in full software development lifecycle over six months.

Overview Project Experiences: -

- **Full Stack:** Two Web applications. Among them, One in ASP.NET MVC Core and another one in ASP.NET MVC. All of them applied by Entity Framework and designed with Repository Pattern.
- **Backend:** Three RESTful API based projects whereas two of them with ASP.NET MVC Core based on Entity Framework and another one with ASP.NET MVC fully based on Stored Procedure with ADO.NET.
- **Frontend:** One Project with Blazor.
- **Windows:** One Windows Application with WPF.
- **Android:** One Xamarin Android App UI design.

👤 CONTACTS

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⚙ SKILLS

- ❖ **Languages -**
  - C#
  - JavaScript
  - HTML
  - CSS
  - SQL

- ❖ **Backend -**
  - ASP.Net MVC Core
  - ASP.Net MVC

- ❖ **Frontend -**
  - Razor
  - jQuery AJAX
  - Bootstrap
  - AngularJS
  - React.js (TypeScript)
  - Blazor

- ❖ **Cross-Platform & Desktop -**
  - Xamarin (Android)
  - WPF (Windows)

- ❖ **Web Services & APIs -**
  - RESTful Web API
  - API Scheduling

- ❖ **Database Management -**
  - MS SQL Server
  - Entity Framework
  - Stored Procedures (EF)
  - Stored Procedures (ADO.NET)
  - LINQ

Elaborately Project Experiences: -

Gulf State Software — **Projects** –

- **Amedig Apparel Warehouse Management API** - *(Backend | RESTful Web API | ASP.NET → ASP.NET Core Migration)*
  Upgraded legacy ASP.NET APIs to ASP.NET Core, improving system performance, scalability, and security.
- **Amedig Apparel Warehouse Management System** - *(ASP.NET Full-Stack Web | JavaScript | jQuery/Ajax | Angular JS)*
  Designed and developed modules for the warehouse's product management with a lot of reports, inventory control, order processing, shipment tracking and ensuring a seamless UI/UX experience.
- **Amedig Apparel Report & Email Service** - *(Backend | RESTful Web API | ASP.NET)*
  Implemented an automated reporting and email notification system to enhance data analysis.
- **Amedig Apparel Tab App** - *(Windows Application | WPF)*
  Developed a WPF-based application for tab management, especially product data entry by operator, and generating advanced reports.
- **Event Center** - *(ASP.NET Full-Stack Web | ASP.NET with Google Maps API Integration | JavaScript | jQuery/Ajax)*
  Built an event management platform with Google Maps API integration to display and track event locations in real time.

Note: Worked on that Warehouse Management System (WMS) including Inventory and Shipping modules.

Shikkhanobish — **Projects** -

- **Shikkhanobish API** - *(Backend | RESTful Web API | ASP.NET Core)*
  Developed and maintained scalable APIs for student-teacher interaction, authentication, and course management.
- **Shikkhanobish Website (Timeline & Question Making)** - *(UI | Frontend | Blazor)*
  Designed and implemented interactive web pages for course timelines & question creation.
- **Shikkhanobish Student App** - *(Mobile Application | Android | Xamarin UI)*
  Built a user-friendly mobile app enabling students to attend classes, manage courses, and communicate with teachers.

Note: Developed and maintained an **In-house online education platform** by building custom solutions and services tailored to organizational needs.

❖ **DevOps** -
- Azure DevOps
- GitHub

❖ **Design Patterns** -
- MVC
- Repository Pattern
- Dependency Injection

❖ **Reports & Documentations** -
- Doc (Crystal Report)
- PDF (Crystal Report)
- PDF (Adobe)
- PDF (iTextSharp)
- Excel (SL Document)
- Email with SMTP Gmail
- Email with SMTP Outlook
- Email with Mailgun
- Email with Sendgrid
- Charts/Graphs for Data Visualization (.NET - DataVisualization, Javascript - ApexCharts)

❖ **Security** -
- JWT Bearer Token (Authentication & Authorization)
- Encryption
- CORS Policy
- OAuth 2.0 / Google Sign-In
- IP Block (Manually)

❖ **Tools** -
- Visual Studio
- VS Code
- SQL Server Management Studio
- Postman
- GitHub Desktop

❖ **Others** -
- Barcode Generation
- Local storage, Session storage

GitHub Link:
https://github.com/Abidvistaa

LinkedIn Link:
https://www.linkedin.com/in/abid-hassan-8736741aa

Portfolio Link:
https://abidvistaa.github.io/Abid_Portfolio.github.io

- ❖ **Notable Academic Projects -**
  - ➢ **House Rent** - *(ASP.NET Core Full-Stack Web)*
  - ➢ **Online Device Shop** - *(ASP.NET Core Full-Stack Web)*
  - ➢ **Akij Food** - *(RESTful Web API with ASP.NET Core)*
  - ➢ **Student Management** - *(ASP.NET Full-Stack Web)*
  - ➢ **Online Book Shop** - *(ASP.NET Full-Stack Web)*
  - ➢ **Student Course Registration** - *(Desktop App with WinForms)*

◉ INTERESTS

I am passionate about Web Development and enthusiastic to explore diverse areas of Software Development and emerging technologies.

🎓 EDUCATION

2022-2023
MSc.
Computer Science
American International University-Bangladesh
CGPA: 3.79 / 4.00

2017-2021
BSc.
Computer Science and Engineering
American International University-Bangladesh
CGPA: 3.77 / 4.00