



Ali Haider

Senior Software Engineer

Thinking "out of the box" to provide software-based solutions I am a proficient full-stack .NET developer with a documented history of contributions in the information technology and services sector. Proficiency in MSSQL Database, ASP.NET MVC, and a strong grasp of Data Structures characterize my skill set. My academic journey is marked by a robust engineering background, having graduated from the University of Peshawar with excellence and expertise in the field.

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Address

Al Sadd, Doha, Qatar

Education

BSCS, 2019
University Of Peshawar
3.6 GPA

Expertise

- .Net Core
- MSSQL Server
- React
- Azure
- HTML5
- Bootstrap 5
- Entity Framework Core
- REST APIs
- CI/CD
- AI

Language

English

Urdu

Punjabi

Pashto

Hindko

Strengths & Skills

- .Net
- Agile
- ASP.Net Core
- Bootstrap 5
- CSS 3
- Entity Framework Core
- HTML
- JQuery
- Microsoft Visual Studio
- Postman
- SVN
- WPF
- TFS
- ASP.Net Core MVC
- .Net Core
- AJAX
- Azure
- C#
- Dapper
- HTML 5
- JSON
- MVC
- REST APIs
- Azure Blob Storage
- Azure Key Vault
- Azure Function App
- Clean Architecture
- ADO .Net
- ASP. Net
- Azure DevOps
- Core PHP
- Entity Framework
- Git
- JavaScript
- React
- LINQ
- Mysql
- SQL Server (Microsoft)
- Web APIs
- CICD
- Azure AD

Experience

January 2025 - Present

Applab Qatar

Full Stack Developer / Senior Software Engineer

Project 1: Qatar Media Library (QML)

Client: Qatar Government Office (GCO)

About Project:

Qatar Media Library (QML) is an official Qatar government project designed for storing, managing, and sharing high-resolution audio, video, documents, and images. It serves as a centralized media repository, supporting large file uploads (1GB to 1TB+) with bulk upload capability. The platform ensures secure data storage and seamless access management based on user roles.

Responsibilities:

- Search Functionality: Developed and implemented in-depth search functionality with multiple filters to retrieve results in N-level hierarchical structures. Planned integration with AI-based search in the upcoming phase.
- My Collection: Designed and implemented module to create, update, delete collections, and search media inside collections. Supports N-level sub-collections with advanced search filters like keyword, metadata, and date-based searches.
- Collection: Built module to provide users with access to media files shared by others, based on roles and permissions. Integrated pagination, sorting, and filtering for enhanced data accessibility.
- Approval Module: Developed feature to approve or reject media files with dynamic actions based on user roles, ensuring content validation and workflow management.

Project 2: Code of Business Ethics (COBE)

Client: Qatar Energy

About Project:

Code of Business Ethics (COBE) is an internal Qatar Energy project designed to manage annual declarations for employees, including gifts, relatives, external employment, and business interests. The platform ensures compliance with corporate governance policies and facilitates secure, role-based access for internal and external users. It is developed using Blazor, integrated with APIs for email, SMS, and employee data, and deployed on Azure. The system supports background jobs for automated reminders and leverages APIM for exposing internal APIs.

Responsibilities:

- **Form Management:** Developed dynamic forms for annual declarations, enabling employees to submit details on gifts, relatives, external employment, and business interests with validations.
- **Authentication & Authorization:** Implemented AFSD authentication for internal users and Azure AD integration for users outside the network, ensuring secure access.
- **API Integration:** Designed and integrated APIs for fetching employee details, sending emails and SMS notifications, and exposing services through APIM.
- **Background Jobs:** Developed scheduled background jobs to send automated reminder emails as deadlines approach.
- **Deployment & Maintenance:** Deployed the application on Azure with continuous monitoring and ensured secure, scalable operations.
- **Collaboration & Compliance:** Worked closely with compliance teams to ensure the application adheres to Qatar Energy's business ethics policies.

Project 3: Qatar Olympic Media Portal

Client: Qatar Olympic Committee (Organizer of FIFA World Cup Qatar)

About Project:

Enhanced version of Qatar Media Library (QML) with AI-powered media search and content analysis, designed for managing and sharing high-resolution audio, video, images, and documents. Worked closely with the AI team to integrate face recognition, video/image analysis, automatic keyword generation, and intelligent metadata extraction to improve search accuracy and content discoverability.

Responsibilities:

- **AI-Powered Search:** Implemented advanced search functionality leveraging face recognition, image analysis, and video content reading to return highly relevant media results.
- **Automatic AI Tagging:** Developed modules to generate AI-based keywords for images and videos to improve discoverability and search accuracy.
- **Content Recognition:** Integrated AI algorithms for detecting objects, people, and activities in media files to enable context-aware search.
- **Enhanced Metadata Analysis:** Applied AI to extract metadata automatically from media files, enabling faster and more precise retrieval.
- **Intelligent Filtering:** Enabled AI-assisted filtering by name, keyword, location, sport, or other attributes for improved user experience.

Project 4: Country Leading Profiling System – MOFA Qatar

Client: Ministry of Foreign Affairs (MOFA), Qatar

About Project:

The Country Leading Profiling System is a centralized platform providing up-to-date information about countries, states, their leaders, designations, and biodata. Leveraging AI technologies, the system aggregates data from multiple sources into a single comprehensive view. The platform also supports role-based access and multi-level workflow for embassies, departments, and the minister, with approval/rejection and version tracking.

Responsibilities:

- **System Maintenance:** Maintained and supported the existing platform, ensuring stability, performance, and data accuracy.
- **Workflow Implementation:** Designed and implemented new workflows allowing embassies to submit forms to departments and the minister, with approval/rejection and version history.
- **Role-Based Access Support:** Managed and updated role permissions for embassies, departments, and minister users.
- **Enhancements & Bug Fixes:** Fixed issues and implemented incremental improvements to existing modules without disrupting ongoing operations.
- **Collaboration:** Coordinated with other teams to integrate new workflows while preserving the integrity of existing data and AI functionalities.

January 2022 - January 2025

NETSOL Technologies Inc

Full Stack Developer / Senior Software Engineer

Project : NFS Ascent

Client: Mercedes-Benz Group AG, BMW AG)

About Project:

NFS Ascent is built on cutting-edge technology that enables auto, equipment and big ticket finance companies, alongside banks, to run their retail and wholesale finance business with ease. With comprehensive domain coverage and powerful configuration engines, it is architected to empower finance and leasing companies with a platform that supports their growth in terms of business volume and transactions. NFS Ascent is also available on the Cloud via flexible, subscription-based pricing, rapid deployments and the ability to scale on demand.

Responsibilities:

- **Stationery Module Enhancement:** Streamlined document generation (receipts, contracts, quotations) integrated into word/PDF formats for a professional touch.
- **Enhanced Reporting:** Contributed to the Reporting module, providing comprehensive insights and analyses to facilitate informed decision-making.
- **Accounting Data Precision:** Meticulously managed and generated SAP-compatible accounting data in the Accounting module to ensure accuracy and smooth integration.

October 2019 - October 2021

National Software Developers

Full Stack Developer / Software Engineer

Projects : Wellyx, Bulky Book, CMS UET Mardan, Connect Me, SalesDiary

About Project:

Wellyx: Revolutionized health and wellness with Wellyx, a seamless Gym and Spa Management platform offering Scheduling, Point of Sale, Automation, Rewards, and Waitlist management. It can be accessible at <https://wellyx.com/>

Bulky Book: Online bookstore for individuals and bulk buyers. Admin oversees user/company management, while Company Customers enjoy deferred payment privilege. Project URL is <https://github.com/ALIHAIDER15/BulkyBook>.

CMS UET Mardan: It streamlines education management by handling student data and administrative tasks. Features include enrollment, grading, transcripts, attendance, and faculty support. It efficiently manages student-related data needs, aiding both faculty and administration. It is accessible via the URL <https://cmsmardan.nsd.pw/Login/Login>.

Connect Me: It is a proprietary business communication platform with IRC-style features like chat rooms, private groups, and direct messaging. Available through two applications for enhanced versatility.

SalesDiary: It provides a web application for organizations to efficiently record sales data and manage sales activities, accessible at <https://salesdiary.nsd.pw/>. The mobile app empowers salespersons to track inventory and sales, while merchants manage accounts. Download from the Google Play Store at https://play.google.com/store/apps/details?id=nsd.salesdiary&hl=en_US&gl=US.

Responsibilities:

- Wellyx: Enhanced the Reward Program module's back-end, focusing on implementing a user-friendly reward points system.
- Bulky Book: Integrated third-party APIs (PayPal, Twilio, TinyMCE, Stripe, Braintree) for streamlined payments and communication.
- CMS UET Mardan: Spearheaded the web application's back-end, creating a robust Quality Enhancement Cell (QEC) module for comprehensive surveys.
- Connect Me: Developed the web application and back-end, including an admin panel for efficient organizational management. Also created an API bridging web and Android apps for seamless communication.
- Sarhad Safari Tours: Spearheaded front-end design using HTML5, CSS3, and jQuery, alongside back-end development leveraging Entity Framework for the admin panel, mapping, messaging, and reporting. Developed a C# web scraper and seamlessly incorporated a confirmation email mechanism via C# SmtClient.
- Sales Diary: Led web app front-end development, translating UI/UX designs into a user-friendly interface. Managed various back-end tasks, including organization, user, salesman, and merchant account management, mapping, messaging, and reporting. Also crafted a robust Android API.

July 2019 - October 2019

Trustech Solution

Internship

Project : PakBuy, J.Nutrition, CRG

About Project:

Pakbuy: It served as my final year project during university studies. The application aimed to empower users to effortlessly list classified ads for their pre-owned items, facilitating seamless selling experiences.

J.Nutrition: It stands as a pivotal achievement during my academic journey, representing a significant project undertaken during my fifth semester. This venture encapsulated the fusion of technology and health by establishing an online supplement store.

CRG: Embarking on a journey of experiential learning, I undertook the creation of a car racing game. Driven by a passion for gaming and a desire to expand my skill set, this project served as a practical canvas for my educational pursuits.

Responsibilities:

- PakBuy: Independently managed key tasks including back-end development, front-end design, database structure design, and thorough quality assurance to ensure project integrity and functionality.
- J.Nutrition: Led back-end development, oversaw front-end design, structured the database, and conducted rigorous quality assurance to maintain project functionality and reliability.
- CRG (Car Racing Game): Designed and developed a fully functional car racing game as part of experiential learning. Implemented game logic, user controls, physics simulations, and UI components, applying object-oriented programming principles. This project enhanced practical programming skills, problem-solving abilities, and experience in real-time interactive application <https://github.com/ALIHAIDER15/car-racing-game>

Certifications

- The Modern JavaScript Bootcamp, Udemey | 2022
- Complete guide to ASP.NET Core MVC (.NET), udemey | 2021
- 0-461, 761: Querying Microsoft SQL Server with TransactSQL, Udemey | 2020

Awards

- University Gold Medalist, University of Peshawar | 2019