# Jawad Al-Derany

## Sr .NET Developer



## TECHNICAL SKILLS

**Backend**
ASP.NET, ASP.NET Core (5–9), Web API, Blazor, Razor, MVC

**Database**
SQL Server, Entity Framework Core, LINQ, Stored Procedures

**Frontend**
Angular, Flutter

**Desktop**
.NET MAUI, WinUI3, UWP, WinForms, WPF

**Architectures & Design Patterns**
N-Tier Architecture, Domain-Driven Design, Repository & Unit of Work, Microservices, Event-Driven, Plugin Patterns

**Tools & Methodologies**
Git, Agile-Scrum

**Hardware & IoT**
Arduino, Raspberry Pi, Windows 10 IoT

**Other**
Chrome Extension, VSIX

**Languages**
C#, C++, JavaScript, HTML/CSS, XAML

## CONTACT INFO

✉ Jawad.alderan@gmail.com                📷 Portfolio

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## PROFESSIONAL SUMMARY

Senior .NET Developer with over 7 years of experience building scalable web, mobile, desktop, and IoT solutions. Proficient in full SDLC, N-Tier Architecture, and Domain-Driven Design (DDD). Recognized for mentoring teams, improving software quality, and delivering maintainable, high-performance systems.

## KEY ACHIEVEMENTS

- Delivered **5+** enterprise-grade applications using ASP.NET Core 5–9.
- Led Agile teams, consistently finishing sprints ahead of schedule.
- Developed reusable **.NET libraries and NuGet packages** with backend modules and Blazor components, reducing deployment time by **10%**.
- Designed a **Visual Studio solution template** and custom **VSIX** extension to standardize project setup, automate code generation, and improve team consistency, cutting deployment time by **30–35%**.
- Implemented TypeGen for automatic TypeScript models, reducing frontend bugs and cutting deployment time by **7%**.

## TECH STACK SUMMARY

- Backend: ASP.NET Core (5–9), C#, EF Core, RESTful APIs
- Frontend: Blazor, Blazor WASM, Razor, .NET MAUI (familiar with Angular and Flutter)
- Database: SQL Server, EF Core, LINQ, Stored Procedures

## PROFESSIONAL EXPERIENCE

**Backend Developer | Team Lead | Project Manager | BA Tech**
Progressed from Web Developer to Backend Lead and Project Manager, leading a team of **5 developers** and delivering **3 enterprise** projects **20%** ahead of schedule.

Aug 2022 – Present

E-Commerce & Shipping Management - Just Halal

- Led the end-to-end development and delivery of a full-featured e-commerce platform, managing both backend and project workflows.
- Designed and implemented a modular shipping subsystem, improving order processing efficiency and scalability.
- Coordinated mobile integration and third-party services (authentication, payments, notifications, mapping).

HR System (ERP-style)

- Directed the development of a modular HR platform with dynamic workflows and configurable business rules.
- Oversaw frontend-backend collaboration to streamline API integration and UI functionality.
- Delivered ahead of schedule with improved process automation, reducing operational errors and improving usability.

IoT Platform - Smart Level Sensor

- Led the development of a real-time IoT monitoring platform with dashboards, notifications, and analytics.
- Implemented two-way device-server communication, significantly improving responsiveness and real-time data accuracy.
- Enabled scalable device management for smart sensor operations.

CMS Platform

- Developed core content management functionality with flexible templating.

Task Management System (Kanban-style)

- Designed and developed a task management platform with real-time updates and background processing.

**Web Developer | Cloud Systems |Contract**
Dec 2023 – Feb 2024 – Afdal Website

- Developed backend and admin dashboard for the CMS, expected to support **2,000+** daily users' post-deployment.

**Web Developer | Freelance**
Sep 2020 – Jul 2022

Developed multiple web and mobile applications, including the Property Management System (Sukna), automating tenant and billing workflows, reducing manual data entry by **60%** and cutting billing errors by **40%**.

**.NET Developer & IoT Engineer | Startup**
Jan 2020 – Sep 2020 | Sterilization Units

- Conceived and designed IoT solutions using Arduino and Raspberry Pi to modernize device workflows and integrate IoT into operational systems; startup initiative (currently suspended).

**.NET Desktop Application Developer |Freelance**
May 2018 – Oct 2019

- Developed multiple desktop applications with rich UI and image processing, including the 'Knowledge' competition app supporting **100+** attendees per event.
- Designed and maintained SQL Server databases to ensure functionality and scalability.