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Location: Riyadh, KSA
Visa Status: Residency Visa (Transferable)
Education: BS in Information Technology
Nationality: Pakistani



Objectives:

A Microsoft Certified Solution Associate and Azure Developer Associate with almost 10 years' programming experience in architecting and developing business applications using .NET & MERN stacks, with competencies in conceptualizing and delivering critical business applications. Seeking a challenging position to contribute technical proficiency towards smooth business operations in a reputed organization.

Achievements:

1. Conceptualized, Developed and delivered many web-based applications that reduced cost, courier charges and loss of material by more than 90%, avoided penalties and automated many business processes.
2. Reduced the research submission and patient stroke registry time by more than 80% by developing web-based applications for King Saud Medical City.
3. Developed loosely coupled messaging and event-driven systems for SMS, emails and push notifications.
4. Developed windows services for generating scheduled reports and handling applications updates.

Certifications:

Microsoft Certified Professional (MCP) in Programming in C# since May 2018.
https://www.credly.com/badges/d47348a9-a68d-43e3-b126-2ec2baf6e7cc/public_url

Microsoft Certified Solution Associate (MCSA) in Web Applications since July 2019.
https://www.credly.com/badges/2764913c-54ae-4399-859b-586219b57517/public_url

Microsoft Certified Azure Developer Associate since August 2021.
https://www.credly.com/badges/ab450ce7-06d5-4422-a205-47fd3133d3ce/public_url

Skills, Tools, Technologies & Frameworks:

Programming Languages	Expert in C#, JavaScript & T-SQL. Intermediate in Java & C++.
Frameworks & Technologies	ASP.NET Core, .NET 5, EF Core, ASP.NET Identity, IdentityServer4, ADO.NET, WCF, WPF, SignalR, Microservices, Azure Cloud, DevOps, Docker, Docker Compose, React.js, Express.js, Node.js, XSLT, HTML5, CSS, jQuery, Bootstrap.
Core Expertise	1. RESTful APIs & Microservices Development with .NET Core and Node.js. 2. Full-Stack development with .NET and MERN stacks.

3. Authentication and Authorization with ASP.NET Identity and IdentityServer4 using OAuth2 and OpenID Connect Protocols.
4. Relational Database Design and Development with SQL Server.
5. NoSQL Database design & development with Azure Cosmos DB & MongoDB.
6. Containerization with Docker and Docker Compose.
7. CI/CD and ALM with GitHub and Azure DevOps.
8. Azure Cloud development using PowerShell, Azure CLI and .NET SDKs.

Soft Skills

OO Programming & Design, Domain Driven Design, Software Design Principles (SOLID), Design Patterns (MVC, MVVM, Repository & Gang of Four), Data Modeling & Software Architecting with C4 Model. Agile and Test-Driven Development. SOA Design & Implementation.

Tools

Visual Studio, Visual Studio Code, Management Studio, Azure Data Studio, IntelliJ Idea, Rider, Netbeans, Data Grip, and Postman.

Professional Experience:

Jun-2020 to Present

Senior Back-end Developer at National Information Center Riyadh, KSA

Responsibilities:

Implementing back-end solutions with .net core and java platforms.
Helping and guiding junior developers in their routine programming tasks.

Nov-2016 to June-2020 (3 years & 7 months)

Programmer at King Saud Medical City Riyadh, KSA

Responsibilities:

Conceptualized, architected, developed and delivered healthcare and business applications using .net technologies.
Providing support, maintenance and enhancement on existing applications.
Building and consuming RESTful APIs.
Building reusable code libraries, data modeling, database designing and development.

Nov-2012 to Nov-2016 (4 years)

Programmer at ABANA Enterprises Group Co. Riyadh, KSA

Responsibilities:

Successfully conceptualized, designed, developed and delivered many business applications using the .net technology stack.
Providing support, maintenance and enhancement on existing applications.
Requirements gathering & analysis, applications testing and deployment.
Building reusable code libraries, database designing and development.

Major Applications Developed:

DevKit	Devices kit is a solution that manages and integrates vendor provided USB and Serial Port devices (i.e. fingerprint & documents readers, digital cameras, image & Iris scanners, etc). This application provides an uniform interface to all connected devices and monitors when the device is plugged in and plugged out, captures data stream from the device and sends it to the web UI using SignalR. JNI, PInvoke and C++/CLI Wrapper have been used for communication between managed and unmanaged code.
Reporting Service	A .NET 5 windows service that generates various reports using XSLT template from XML data (fetched from various data sources), converts into PDF and sends to management according to schedule using CRON expressions.
Remote Installer	<p>This a .net core solutions that has two parts;</p> <p>Server Side: This part is a .net core MVC web application that provides an admin interface to manage applications, applications' versions and deployment policies for clients. Server side also exposes RESTful API endpoints for application deployments and checking new updates.</p> <p>Client Side: This part is a distributable .net core windows service which is installed on each client machine. The windows service starts a self-hosted web application that provides UI for all deployed applications on client machines with options for starting, stopping and restarting the applications. This windows service also contains workers that periodically call API endpoints on the server to check for new versions of applications and update automatically if the app is not running or alert the user if the app is running.</p>
Voting Service	Voting service is ASP.NET Core 3.1 Web API application hosted on Microsoft Azure for preference based voting system. This application exposes various API Endpoints that are consumed by mobile applications. Mobile app users can sign up as voter, candidate and admin. Voters can cast votes for candidates by giving preference (1 st , 2 nd , 3 rd , etc.). Candidates can cast votes and apply for running elections. Admin can create elections and approve a candidate's candidacy after reviewing documents. Once the voting period is over, the application generates election results by using Borda, IRV and Condorcet voting methods.
National Stroke Registry	A web-based application for KSMC Stroke Department. This application includes patient demographics, stroke diagnosis, medical history, NIH Stroke Score calculation, reports, KPIs and statistics.

Nurses Information System (NIS)

A web-based application for KSMC Nursing department. NIS includes Employee Self-Service, Evaluation & Assessment, Duty Rota, Learning Management System, QC Readings, Graphical Representation of readings with dynamic Mean & Standard Deviation, Leader Nomination, Reporting and Statistics modules.

KSMC Research Center Application

A web-based application for KSMC research center. This application enables researchers to submit and follow up their research proposals online and register their scientific research. This application also provides rich reporting and statistics modules, which enables KSMC research center and IRB to provide feedback on submitted and registered researches, track and monitor proposals progress and provide reports to the ministry of health.

ABANA Web Portal

This ERP application provides ABANA's management and employees a centralized, comprehensive and single sign in system for all business operations. The application includes attendance and request system, Time management tracking, Buildings and projects cost modules, HR, Logistics, OMS (Order Management System), technical services dashboards, integration with MS Dynamics and CRM.

Telecom Service Management System

One of my first major ERP based applications that I conceptualized, designed, developed and delivered successfully to the ABANA Telecom department. This application almost reduced ABANA Telecom, HR, Admin and Finance departments' paper work by 90%. The ABANA Telecom department had major issues of courier services charges, materials losses, field operations tracking, Incentive calculation, travel & other requests submission, employees' evaluation and more seriously STC penalties. The ABANA Telecom department offered me to conceptualize and develop a system to tackle these issues. The solution I delivered consists of following major modules:

Materials tracking: A real time tracking from warehouse until customer delivery and from pullout & dismantling back to warehouse.

Tickets Tracking A real time tracking of daily field operations, monthly and annual productivity reports and target achievements status.

Request System: This module enables employees to submit and follow up for leave, travel, general (HR, Admin), overtime, incentive, etc. requests online with a strong escalation system.

Attendance System: This module enables employees to record their daily attendance and management to get daily, monthly and annual attendance reports.

Evaluation Module: A data driven evaluation system with monthly, quarterly and annual evaluation reports.