MUHAMMAD ALI SHAIKH

FULL STACK DEVELOPER

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💼 JOB EXPERIENCES ....

Principal Software Engineer
Jan-2022 – Nov-2023

Autocab/NGBS – United Kingdom

Projects & Responsibilities:

- Developed new and modified some old SOAP & REST web APIs for various mobile apps and web applications (www.autocab.com, www.appsettings.autocab.net, Passenger App, Driver Companion App).
- Based on the requirements & feedback did code modification, upgradation, optimization, code reviewing and documentation, create test cases with Nunit
- Projects/Tasks developed with.Net Core 3.0 & 6.0, Azure API Management (APIM), Ajax, SQL Server 2022, WCF API, JavaScript, Git, datatable.js, bootstrap 5 etc.

Software Consultant
Dec-2018 – Jan-2021

Samsung/Unity Infotech - Dubai
Projects & Responsibilities:

- Developed Gift Redemption System, Promotions Management System with multi time zones and multilingual support, also in several existing projects did issues fixing and modification as per the given requirements.
- Projects/Tasks developed with Asp.Net 4.5, C#, MVC 5, Ajax, SQL Server 2012, Web API, javascript, datatable.js, charts etc.

Sr. Software Engineer
Aug-2016 – Sep-2018

Basecamp Data Solution. - Pakistan
Projects & Responsibilities:

- Worked on various modules like punch clock, payroll, campaign management, dispute management, workflow and business-related reports.
- Develop and execute QA routines to ensure quality of software.
- Prepare technical specifications for programs that were to be developed.
- Projects/Tasks developed with Asp.Net (4.0,4.5), C#, Ajax, SQL Server, SSIS, SSRS, REST & SOAP Services, JavaScript, JQuery, Google Maps & SpreadSheet).

Sr. Software Engineer
Sep-2015 – May-2016

Geo & Logic GIS Solution LLC - Dubai
Projects & Responsibilities:

- Meetings with clients & tracking device vendors.
- Based on system requirements managed and developed various modules in the company tracking applications (Geomama.com, Baby.geomama.com), Fleet management system (Bookingo.ae), also developed a hybrid Mobile App (Android).
- Manage team and assign tasks, and prioritize tasks with deadlines.
- Prepare technical specifications for programs that were to be developed.
- Code reviews, code versioning, planning and deployment of software release.
- Projects/Tasks developed with Net (4.0,4.5), C#, Mobile Apps, Threads, Sockets, Ajax, SQL Server, REST Api, JavaScript, JQuery, Google Maps, Crystal Report 9.

Sr. Software Engineer
Jun-2012 – Aug-2015

Evolvin Networks LLC - Dubai
Projects & Responsibilities:

- Developed a CMS which was later being used to manage several websites (real estate, commercial, official).
- Meet with clients get requirements, and prepare project/task documentation.
- Projects/Tasks developed with Net (4.0,4.5)- VB.Net, Mobile Apps, Data Scraping Services, Ajax, SQL Server, SSIS, REST & SOAP Services, JavaScript, JQuery, Google Maps, Google Charts, SignalR, Crystal Report 11.

Sr. Software Engineer	**Saltec Powerlink - Pakistan**
Jul-2008 – Apr-2012	**Projects & Responsibilities:**

- Developed a Web based Remote Monitoring System www.remotemon.net, for the remote monitoring of telecommunication units and industrial plants using Asp.Net with Ajax, Dundas Charts and gauges, and Google maps.
- Developed Windows based applications and services for Data/Packets sending and receiving using GPRS and windows socket programming.
- Manage, design & develop the website www.remotemon.net, analyze, design, and then implement the new client requirements to the website.
- Projects & Task developed with Net (2.0, 3.5)- VB.Net, Sockets, Threading, Ajax, SQL Server, SOAP Services, JavaScript, JQuery, Google Maps, Dundas Charts.

Software Developer	**Aaj TV NEWS Channel - Pakistan**
May-2006 – May-2008	**Projects & Responsibilities:**

- Developed a Br-News Gini (News Management System), Live Channel Ticker Applications using Managed DirectX.9, Stocks Data Manipulation Services.
- Manage Websites (www.aaj.tv, www.khistocks.com, www.brecorder.com).
- Projects & Task developed with Net 2.0 – VB.Net, DirectX 9, Ajax, SQL Server, SOAP Services, JavaScript, Google Maps, PHP, MySQL.

CERTIFICATIONS

Certification Name	Score	Year
MCTS 70-536 Microsoft .Net Framework 2.0 (Application Development Foundation)	929	Sep-2008
MCTS 70-528 Microsoft .Net Framework 2.0 (Web Based Client Development)	806	Mar-2008

EDUCATION

Degree Name	Institute/Board/University	Division/Grade	Year
MCS (Computer Science) 2.5 years	University of Sindh Jamshoro	1st Division 2.82 CGPA	2006
BCS (Computer Science) 3 years	University of Sindh Jamshoro	1st Division 3.33 CGPA	2001

TECHNICAL SKILLS

Web Development (Frameworks, Languages & Scripting)

- Asp.Net (C#/VB.Net), .Net Core 3.0 to 8.0
- .Net Framework, MVC 5, Razor Pages, Blazor
- Angular 19, React, CSS/CSS3, Bootstrap 5
- Ajax, JSON, XML, Javascript & Jquery, Node.js
- RESTful, SOAP Services
- Google Maps, HERE Maps, Bing Maps
- TFS, Git, SVN, Sourcesafe
- Github Copilot

Artificial Intelligence

- Open AI GPT-4, Deepseek, Gemini
- Python, Django, LangChain, Fastapi, Ollama, RAG, ChromaDB, Uvicorn, N8N, Emgu CV, YoloV8, Face_Recognition, Label Studio, SLAM

Database & Reporting

- SQL Server, MongoDB, MySQL
- SSRS, Crystal Reports 9 &11
- SSIS/ETL with VS 2017 SSDT
- ChartJs, Google Charts, Dundas Charts

PROJECTS

Al-Jazari-X (Service Robot)
https://aleee-shaikh.github.io/Al-Jazari/

Technologies:
C#, Emgu Cv, Arduino UNO IDE, Gemini LLM

Description:
Al-Jazari-X is a wireless, teleoperated service robot designed to assist with daily household tasks. Its primary goal is to help users by providing mobility support, load carrying, and home surveillance. The robot can carry items such as food, drinks, and other small loads, and is capable of autonomous patrolling within indoor environments.

Joined24.com (Web Based ERP)
http://joined24.com

Technologies:
.Net 4.5, C#, Javascript/JQuery, SQL Server 2008, Google Maps, ChartJS

Description:
Later in June-2017 I started developing the system named as joined24.com with the help of my own framework and CMS, Since June-2017 – June-2018 I developed the system that is capable to manage almost all business operations, manage the business ecommerce website, and 4 android mobile apps for Customers, Service Provides, School Teachers, and for student Guardians.

The Joined24 software suite have a lot of innovative, and powerful features, the web portal and mobile apps and all are interconnected and are flexible to connect with other applications.

DMS(Delivery Management System) (Hybrid Android App)

Technologies:
Cordova Apache, C#, SQL Server 2008, Google Maps, ChartJS

Description:
DMS creates a communication channel between the service providers, staff and the customers, the customer place order and then the admin assign the task to related staff, they can chat they get the task details with address, map, and phone numbers, also they can manage the task history