



Mahmoud El Zeert

Senior Software Developer

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Designing is my passion. I am an expert in designing software applications. My best quality is the ability to satisfy customer needs by delivering the right solution. In addition, I know how to build my solution as a strategy aligning with the goals of the organization. But I am also a professional trainer, in information systems, mastering the process of content delivery to trainees. Because change is ever happening, I have developed a change capability making me adaptable and without continuous learning it would be impossible.

Experience

Ministry Of Displaced

2001 to present

Senior Developer: Led the software development team in the Ministry.

Oversaw the project lifecycle process: Requirement gathering, analysis, design, implementation and deployment using agile process: continuous delivery of small piece of workable software.

- *Developed an iOS application providing applicants with the ability to inquiry about their Indemnities using XCode, Objective C, JSON,PHP and MS SQL Server 2008 Stored procedures for backend and MS IIS Web server)*
- *Developed a web application intended to replace the legacy- document management system written in VB6 - using C#, MVC, ASP.NET, Bootstrap, JQuery, CSS, JavaScript technologies and MS SQL Server 2008.*
- *Led, designed, and developed Document Management System managing the indemnities assessment and payment mechanism in compensation for the damaged housing using VB6, MS SQL Server 2000 and Seagate crystal reports.*
- *Developed an application managing smoothly data transfer between MS Access application and MS SQL server database application using VB6, MS SQL Server 2000 and Data Transformation Services.*
- *Developed Document management System managing information about village's infrastructures using Oracle Forms 4.5 and Oracle Reports 2.5 on Oracle 7 database.*
- *Developed a salary application using FoxPro for windows 2.6.*
- *Developed database application using FoxPro for DOS 2.6 with NAFITHA as arabization tool.*

Freelance Software Developer

1999 to present

- *Led and developed integrated healthcare systems managing healthcare services: consultations, Lab, radio, and dental healthcare services (Multi-tier application using MS Visual studio, MS Team Foundation Server, C#, MS SQL Server 2008, Seagate Crystal reports, ComponentOne Controls: schedule, Grids...). Successfully migrated data after making the required transformations from the legacy system to the new solution. Delivered using Agile-SCRUM- process (High level features brook down into user stories). Written project charter (Terms of reference) and managed the project timely and successfully.*
- *Developed a Geo-enabled application providing the ability to search by the parcel number and then zoom into the parcel on the map (Using WPF, XAML, Esri GIS technologies, MS SQL Server 2008).*
- *Developed an integrated accounting and loan management system with an archiving tool to digitize all the documents of the organization (Using VB6, MS SQL Server 2000, Thumbnail ActiveX control, and database distributed transactions).*
- *Developed a searching tool for a specific word (a string) in a given PDF file and displaying the pages containing this word (Using C#).*
- *Developed a wizard based application calculating Income Tax using VB6.0 and TDbGrid Pro 7.0 ActiveX control.*

Education

- **BS in computer science, University Of Lille I, France,1990**
- Online certificates (CrossKnowledge content)
 - Leadership Basics Jan,2017
 - Understand Strategy May, 2017
 - Implementing Strategy July, 2017
 - Mastering the Basics of a Group Strategy Dec, 2018
 - Basics of Project Management Feb,2018
 - Managing projects in the digital age Mar,2018
 - Lean operations May,2018
 - Preparing For Change Jan,2019
 - Designing an Agile Organization Mar,2019
- Strategic project management,ERP,BPM
- Building Business strategy based on identifying key stakeholders and strategic factors

Related skills

IT Manager, Ministry Of Displaced

1999 to 2001

- Planned and implemented the process of modernization of the IT infrastructure in the Ministry from legacy (serial coax cable network) to star topology network using switches and UTP cables.
- Successfully planned and implemented the process of modernization of the IT infrastructure in the Ministry from legacy (serial coax cable network) to star topology network using switches and UTP cables.
- Performed Network administration in Windows based operating systems environment.
- Identified training needs for advanced and front-end users in the Ministry departments and ensured that training plan was successfully executed.
- Performed Network administration in Windows based operating system environment.
- Led the process of evaluation and recommendation of purchases of computers and other IT devices.

Network administrator, Ministry Of Displaced

2010 to 2019

- Managed Windows Active directory
- Managed Hillstone firewall and control employee internet access.
- Installed and configured Antivirus
- Managed security at application, database, Windows, and firewall level.
- Installed and configured all customized working applications.

Freelance ICT trainer: Gave training sessions in :

- Software development using C# and .NET framework and MS Visual studio for software engineers.
- Management Information Systems for senior managers in public sectors.
- Health care management information systems for software engineers and senior managers in public sector.
- E-government for senior managers in public sector.

Independent Consultant :

- Written a digital transformation strategy for the local municipality and successfully supervised its implementation.

Personal skills

- Problem solver
- Go-getter
- Highly motivated and committed
- Adaptable
- Team leader
- Planning strategically
- Out-of-the-Box thinking