Mohamed Masoud

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Objective

- A senior developer working many years in the field, wanting to challenge me in new technologies and languages to develop my skills for IT solutions. Also, I maintain a commitment to performing high-quality work

Education

PRE MASTERS | JUNE 2009 | ITI(INFORMATION TECHNOLOGY INSTITUTE)

- Related coursework: software Engineering (Software Development)

B.SC. IN COMPUTER SCIENCE | 2006 | FCI-HU

- **University:** Faculty of computers & information (Helwan University)
- **Division**: Computer science.

Skills & Ability

CORE SKILLS

- C#, Java, SQL, XML, XAML, Multithreading.

WINDOWS DESKTOP DEVELOPMENT

- WPF, windows forms.

WEB DEVELOPMENT

- Asp.net, asp.net core, restful services, web services, node JS, express, swagger, JavaScript, typescript.

APPLICATION DESIGN

- Microservices, MVVM, MVC, PRISM, MEF, IOC, OOD, DDD.

DATABASE

- Microsoft SQL Server, PostgreSQL.

IDE

- Visual studio, vs code, Eclipse.

SOURCE CONTROL

- Team foundation server, GitHub, GitLab.

TESTING

- Unit testing, familiar with automation testing using selenium, a good understanding of concept and types of testing.

THEORETICAL KNOWLEDGE

- Excellent understanding of the Object Orientation.
- Very Good knowledge of Software Engineering.
- Good knowledge and understanding of design patterns.
- Good understanding of Data Base Design Concepts.
- Good with UML.
- Good with Agile (Scrum and Kanban).

Experience

SENIOR SOFTWARE ENGINEER | IBM CZ | MAY 2017 – TO DATE

- Company website https://www.ibm.com/cz-en
- Building windows desktop application using WPF for scanning security issues and integrating with other server scanners
- Developing new collector using Java (J2SE) technologies
- Developing Remediation for windows operating system using PowerShell and BigFix action script
- Developing a new website for BigFix reporting.

FREELANCER SENIOR SOFTWARE /TECHNICAL LEAD ENGINEER | TERNOLOGIC | JULY 2020 – TO DATE

- Company website https://www.ternologic.com/
- Building an enterprise website for such an amazing new Idea.
- Responsible for leading two teams in two different countries (assign tasks, followup, review code, integration between services, deployment, design high-level architecture for application and code).
- Develop and design backend using microservices architecture best practice which meets the project requirements.
- Using Nodejs, ASP.net core, PostgresSQL, Redis, express, RabbitMQ, Dockers, firebase, PM2

TECHNICAL TEAM LEADER | KHATIB AND ALAMI | MAY 2013- MAY 2017

- Company website: http://www.khatibalami.com/
- **Project**: Geo Municipality
  location and Residence: Kuwait.
  Role: Technical Team Leader acting as architect
  Role Description: This project signed before the implementation within 3
  years, so all the solution design and architect become obsolete, I joined the solution design and architect from the first day we almost change all the design because of the new technologies. I lead a team in Kuwait, Lebanon(developers) and Egypt (Testers). I was responsible also for deploying the latest version and demo to the client to get the feedback and negotiate for the change requests and new requirements.
  Technologies: WPF integration with workflow manager, WPF building desktop map navigation
  WCF, ASP.net web APIs as restful services.
- **Project**: school location analysis (where is my school)
  Url: http://tasjeel.sec.gov.qa/MySchool/default_en.html
  location and Residence: Qatar.
  Role: Technical Team Leader.
  Role Description: attend all the meetings with the client to get the technical Solutions from requirements also design the technical solution for the project and implementing the backend because of the lake of resources.
  Technologies: WPF for desktop using ESRI SDK, JavaScript dojo lib as front end with ESRI JS lib, WCF as restful services, WCF as restful services

- **Project**: Department of Municipal Affairs
  location: AUE
  Residence: Egypt with many business trips to the client
  Role: Senior Software Engineer
  Role Description: Develop and implement the project with my team to meet the SRS requirements and pass the acceptance testing
  Technologies: JavaScript dojo lib as front end with ESRI JS lib, WCF as restful services

SENIOR SOFTWARE ENGINEER | EFG-HERMES| AUGUST 2010- MAY 2013

- Company website: http://www.efg-hermes.com/
- **Product**:: Hermes Trader
- **Product description**: Desktop application for an internal stockbroker and external users gives them the ability to display all the livestock exchange market feed (level1, level2, news, offers, etc.….) also buy and sell to more than 5 stock markets in Egypt and Gulf countries
- **Technical description:** Desktop application developed WPF and PRISM framework with WCF Services as a backend for isolation and security, integrating with many different stock feed backend services to get the live updates
- **Role**: Scenario software engineer
- **Role Description**: Team member for this product team my main responsibilities are
  - Consume and manage exchange feed (leve1, level 2, news, and orders) from 4 exchange markets (EGYPT, KSA, Kuwait, and UAE) using LightStreamer framework for performance and security
  - Develop windows service for transaction historical data.
  - Develop Hermes Trader WPF application using the PRISM framework to give the internal traders the ability to check the market and make orders.

- **Product:** Hermes Trader for Android and IOS
- **Role**: senior software engineer
- **Role Description:**
  -attend meetings with an outsourced company to build a Mobile application with the same requirements as the desktop application but for the external clients.
  -build a restful service for mobile apps using WCF.

SOFTWARE ENGINEER | ESRINEA| JUNE 2009- AUGUST 2010

- Company website: http://esrinea.com/
- **Role:** working in this company as a junior software engineer and a software engineer.
  the main branch was in Egypt and I assigned to many projects in the GULF countries.
  my main project was in Bahrain to develop and GIS web application to integrate with Schlumberger intranet website to help the client with the GIS features to manage them work easy.
- **Role Responsibilities**:
  -Develop web applicating using ESRI JavaScript APIs and ESRI Silverlight APIs.
  -Developer SharePoint web parts to use SharePoint features to be integrated with ESRI feature to enable the GEO-SharePoint concept

Languages

English – Very good Read/Write/Speak Arabic – Mother's tongue Czech   – Beginner

Badges (certificates)

https://www.youracclaim.com/users/mohamed-masoud.c69d732d/badges

Personal Information

- **Birthday:** 1984 **Nationality:** Egyptian **Marital Status:** Married **Number of children:** 2