

# Mohamed El Ghandour

## Full Stack Developer (Web - Mobile) – Machine Learning Engineer

I always looking for the challenging, learning and innovative environment. Develop and execute projects individually, leading or a team member. I am always looking forward to upgrade my skills, learn new things and also focusing on upgrading the environment with stable work and continuity in systems.

### EMPLOYMENT

AUG 2016 - Present

#### SENIOR FULL STACK DEVELOPER – **El Sewedy Electric** – *Cables* Sector

- + Full stack Web Apps implementations
- + Analysis and Design
- + Operations management systems [Intranet Apps]
- + **Integrations** between multiple technologies [RFID & Oracle]
- + **Mobile Cross Platform apps** for operations - **Xamarin**
- + Machine learning Models for quality department – in progress

AUG 2015 – AUG 2016

#### SERVICE MANAGEMENT SPECIALIST – **MegaSoft Consulting (IBM Partner)**

- + Worked implementing **IBM solutions** and working with clients to deliver value from their Automation and **Enterprise Asset Management solutions**
- + Joined a team of experienced consultants, participated innovative solutions which overcome complex business challenges
- + Engaged in all key phases of full projects life-cycle from **presales activities, implementation and training customers**

OCT 2013 - MAR 2015

#### WEB DEVELOPER – **El Sewedy Electric** – *Transformers* Sector

- + Requirements gathering and analysis
- + Database design and implementation
- + Design, implement and test .NET applications
- + Integrate with Oracle and other .NET applications
- + Support .NET applications
- + User Training and manuals

### EDUCATION

2009 – 2013

#### BACHELOR OF SOFTWARE ENGINEERING – The British University in Egypt (**BUE**)

- Validated by **Loughborough University (UK)**
- Graduation Project: **RFID [IOT] Library Management System**

## COURSES TRAININGS

- ✓ **End to End Deep Learning** [[AI](#), [DL](#), [ML](#), [NLP](#), [Computer vision](#), ...]
- ✓ **First Steps to AI** [Intro to [Artificial Intelligence](#)]
- ✓ **MEAN** (MongoDB, Express JS, Angular JS and Node JS) [JavaScript](#) Stack
- ✓ R12.x [Oracle](#) e-business Suite ([Enterprise Asset Management](#))
- ✓ [ASP.NET MVC 4](#)
- ✓ **Cloud** and Smarter Infrastructure Cloud & **Service Management** Sales Professional v1
- ✓ [ITIL](#)® Foundation in IT Service Management
- ✓ [C#](#) Essentials
- ✓ C++ (**Data structures**)

## TECHNICAL SKILLS

### Technologies

ASP.NET (MVC, Web forms)  
.NET Core  
JavaScript  
C#  
Python  
Xamarin Forms

### Databases

Oracle 11  
SQL Server  
MongoDB  
DB2  
**Version Control**  
GIT

### Frameworks

Angular JS  
Express JS  
Node JS  
React JS  
.Net Framework

## PROJECTS

### Freelance Projects

#### PRODUCTION MONITORING SYSTEM

##### **CLIENT:** [ARMA GROUP](#)

- + Integrating with photoelectric sensors
- + Real time data reflection
- + Shifts and plan management

#### [GYM MANAGEMENT SYSTEM](#)

- + Managing the customers data
- + Subscriptions and classes management
- + Customers' Payments

#### [BARCODE INVENTORY MANAGEMENT SYSTEM](#)

- + Building web applications integrated with [Magento](#) E-commerce System
- + Receiving & Shipping with Barcode System
- + Invoicing System

At EL SEWEDY Electric

#### **RFID INTEGRATION WITH ORACLE INVENTORY & MFG**

- + Integration between Oracle Inventory & manufacturing modules with RFID infrastructure
- + Using **REST APIs** & **Oracle PL/SQL**

#### **ORACLE ENTERPRISE ASSET MANAGEMENT (EAM)**

- + Requirements Gathering and analysis
- + Implementation and Integration with Manufacturing and Fixed assets modules
- + User Training and manuals

#### **ADVARIIS ORACLE INTEGRATION (CABLE DESIGN)**

- + Bills of Materials, Routing and Operations comparing and serialization from ADVARIIS system (Cable Design) to Oracle BOM module
- + .NET application for handling XML files, comparing and serializing the items before Oracle API validation

#### **KPIS AND REPORTING SYSTEM**

- + Drill down reports using **RDLC**
- + Top Management user friendly dashboards with charts and drilldowns using **Google charts, Ajax and JavaScript**

#### **FINISHED GOODS BARCODING SYSTEM**

- + .NET application handling the finished good products data from Oracle database to build **2D barcode** labels with customized design

#### **QUALITY ASSURANCE CUSTOMER COMPLAINT MODULE**

- + .NET application for handling the customer complaint records and costing
- + Integrated with Oracle to create return Sales Orders

#### **QUALITY ASSURANCE WORK MANAGEMENT MODULE**

- + .NET application with secured file viewers for handling pdf files and folders
- + Ticketing system for file changes, with workflows for delegations/forwards and approvals for the tickets

#### **HR SUB SYSTEM INTEGRATED WITH ORACLE HCM MODULE**

- + Dynamic Organizational Chart using HR data from built by Google charts and JSON
- + Vacation System on a KIOSK PC for requesting vacations integrated with Oracle
- + Attendance subsystem for handling the data imported from the fingerprint device

At MegaSoft

#### MAXIMO ASSET MANAGEMENT AND TICKETING PROJECTS

- + IBM **Maximo** Asset Management for Leejeam, TAQA Companies, and IBM Control Desk for Hayah School
- + Implementation and configuration for the products of IBM per projects
- + Participated in every technical and functional aspects (Workflows processes, Application designer, Automation Scripts and **BIRT** reports)
- + **JavaScript** customization using Maximo Objects

#### OTHERS

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- **Address:** Egypt - 10th of Ramadan city – District 9 – Villa 25
- **Date of Birth:** 01/10/1992
- **Military status:** Exemption
- **Marital status:** Married
- **Blog:** <http://brainsdazed.blogspot.com/>
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