

# Mohamed El Ghandour

## Senior Software Engineer

I always looking for the challenging, learning and innovative environment. 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.

I am passionate about Data science and software development.

### EMPLOYMENT

AUG 2016 - Present

#### SENIOR SOFTWARE ENGINEER – El Sewedy Electric – Cables Sector

- + Full stack **Web & Desktop Apps** implementations
- + Analysis and Design
- + Operations management systems [Intranet Apps]
- + **Integrations** between multiple technologies [RFID, Oracle, etc.]
- + **Mobile** Cross Platform apps for operations - Xamarin
- + **Data analysis** and **machine learning** models

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 Library Management System**

## COURSES TRAININGS

- ✓ **LinkedIn** - Learning Data Analytics
- ✓ **FWD** - Data Analysis Professional - Data Challenger Track
- ✓ **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  
Xaml

### Databases

Oracle 11  
SQL Server  
MongoDB  
DB2

### Version Control

GIT

### Frameworks & Tools

Incorta  
Power BI  
Microsoft Excel  
.Net Framework

## PROJECTS

Remarkable Freelance  
Projects

### EASY TAX – ELECTRONIC INVOICE TAX AUTHORITY INTEGRATION

- + Integrating with ERPs
- + Excel version
- + Web and desktop versions
- + Web Services

### PRODUCTION MONITORING SYSTEM

#### CLIENT: ARMA GROUP

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

At EL SEWEDY Electric

#### BARCODE INVENTORY MANAGEMENT SYSTEM

- + Building web applications integrated with **Magento** E-commerce System
- + Receiving & Shipping with Barcode System
- + Invoicing System

#### 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/>
- **GitHub:** <https://github.com/MGhandour92>
- **LinkedIn:** <https://www.linkedin.com/in/moghandour/>