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 Full 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** | **Databases** | **Frameworks & Tools** |
| ASP.NET (MVC, Web forms) | Oracle 11 | Incorta |
| SQL Server | Power BI |
| .NET Core | MongoDB | Microsoft Excel |
| JavaScript | DB2 | .Net Framework |
| C# | **Version Control** |  |
| Python | GIT |  |
| Xaml |  |  |

# 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

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

ADVARIS Oracle Integration (Cable Design)

* Bills of Materials, Routing and Operations comparing and serialization from ADVARIS 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

* **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/**](http://brainsdazed.blogspot.com/)
* **GitHub:** [**https://github.com/MGhandour92**](https://github.com/MGhandour92)
* **LinkedIn:** [**https://www.linkedin.com/in/moghandour/**](https://www.linkedin.com/in/moghandour/)