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Waleed Mohammed Al-Hasan Omer

Objective

Having the ability to improve and develop myself, and looking for working with a professional management in fields of software development and computer technologies.

I am experienced in designing and developing solutions using .NET framework, Databases and reporting tools, with exposure to other activities such as data migration, application integration. Expert in database design, optimization and tuning, backup/restore, data import/export, troubleshooting.

Qualifications

- B.Sc. - Computer Science. 2nd Class - Division One honor degree, University of Khartoum, Faculty of Mathematical Sciences, Dept. of Computer Sciences (2004).

Working Experience

Almasdar Saudi Systems www.saudisystems.com

Riyadh – Saudi Arabia

Software Developer

February 2022 – Now

Executing software development lifecycle (analysis, design, development, testing, deployment, administration and maintenance) of company projects.

Technologies used: ASP.net Core MVC with C# , SQL Server.

Al-Kaabi Trading and Contracting www.kaabi.com

Dammam – Saudi Arabia

Software Developer / GIS Developer

October 2018 – February 2022

Executing software development lifecycle (analysis, design, development, testing, deployment, administration and maintenance) of company project Quality Management System for Eastern Province Municipality Projects <http://quality.eamana.gov.sa>

Technologies used: ASP.net (4.5 – MVC) with C#, AJAX and Javascript, ArcGIS Server and ArcGIS REST API, Oracle 12c/19c, Crystal Reports, DevExpress Framework.

Gulf Engineering House www.daralkhalij.com

Riyadh, Buraydah, Makkah, Taif, Jeddah, Al-Ahsa, Dammam – Saudi Arabia

Software Developer / GIS Developer

July 2011 – October 2018

Responsibilities, Tasks and Achievements:

- Executing software development lifecycle (analysis, design, development, testing, deployment, administration and maintenance) of company projects:
 1. **Evaluating and Enhancing Drilling and Pavement Operations in Riyadh.**
 2. **Developing Workflow Processes in Co-ordination Department – Riyadh Municipality.**
 3. **Drilling Operations Quality Assurance Sub-System Design and Development**
 4. **National Water Co. (NWC) Supervisory Project of Riyadh Scattered Connections Contracts.**
 5. **Jeddah PMMS (Pavement Maintenance Management System).**
 6. **Quality Assurance of Riyadh Roads Maintenance Projects.**
 7. **Riyadh Municipality Laboratory Operations System.** <https://www.m-mr.net/>
 8. **Quality Management System for Eastern Province Municipality Projects.** <http://quality.eamana.gov.sa>
 9. **Dammam Traffic Count Study and Results Analysis.** <http://dtcp.mine.nu>
 10. **Traffic Effect Studies Requests Sub-system** <http://dtcp.mine.nu:90>
 11. **Gulf House Higher Institute website.** <http://www.roadinstitute.edu.sa>
 12. **Eastern Province Municipality Laboratory Operations System**, joint project with Al-Kaabi Contracting Company.
- Maintaining currently applied **Laboratories System**, and **Cars Department System**.
- Assisting and supporting system installations (hardware/software) for in-house and projects operational activities (printing, emailing, backup, generating reports).

Technologies used: ASP.net (4.5 – MVC) with C#, AJAX and Javascript, ArcGIS Server and ArcGIS REST API, Oracle 10g/11g/12c, Crystal Reports, DevExpress Framework, and Android Studio SDK.

Ora'Concept IT Solutions Co. Ltd www.oraconcept.com

Khartoum - Sudan

Software Developer / Technical Management

March 2008 – June 2011

- Creating and executing project work through software development lifecycle (analysis, design, development, testing and deployment) to deliver solutions satisfying customer requirements. Here are some of the projects and service that I have been involved in:
 1. **Fuel Distribution Statistics System** for Petronas Marketing Sudan Ltd (PMSL) joint project with United Nations-African Union Mission in Darfur (UNAMID).
 2. **Fuel Coupons Management System** for Petronas Marketing Sudan Ltd (PMSL).
 3. **Booking and Departure System** for Feeder Airlines.
 4. **Enterprise Management System** for The Center of Technical Consultation & Studies (CENTECS – www.centeecs.com), containing sub-systems: Studies and Designs, Tendering and Rating, Supervision, HR and Payroll and Accounting.

- 5. **Voyage Operations System** for Nova Airlines.
- 6. Stock, Accounting, Point of Sales and Distribution Systems.
- Marketing and Installation for automation and access control solutions (fingerprint, CCTV and vehicles tracking system), E-Marketing Solutions and web hosting services.

Technologies used: ASP.net with C# and AJAX, PHP/MySQL, Oracle 10g, SQL Server, Crystal Reports.

University of Medical Sciences and Technology (www.umst-edu.org)

Software Engineering Unit

Khartoum - Sudan

Software Engineer

June 2009 – June 2010

Executing and managing software development projects through software development life cycle (analysis, design, development, testing, deployment, administration and maintenance) to deliver solutions satisfying requirement. Here are some of the projects that I have been involved in:

1. **UMST Students Affairs System (Admission, Student Cards and Attendance).**
2. **Senates Board Meetings System.**
3. **Human Resources Information System**
4. **Halls Management System.**
5. Maintaining currently applied systems: **Examinations System**, and **University Website**.

Technologies used: ASP.net with C# and AJAX, SQL Server, Crystal Reports.

Ashraf Communications Group (Ashrafcom) www.ashrafcom.net

Khartoum - Sudan

Subsidiaries: Jetnet Broadband, Future Solutions for IT Solutions, and Afromap for Terrestrial Stations.

February 2006 – July 2008

Projects engineer (software): *February 2006 – December 2007*

Project manager: *January 2008 - July 2008*

Responsibilities, Tasks and Achievements:

1. Developing JetNet Customers Care System and Billing System for managing Jetnet Broadband customers' affairs and workflow between the Customers Care, Marketing, Financial and Technical departments.
2. Assisting and supporting system installations (hardware/software) for in-house and projects operational activities (printing, emailing, backup, generating reports).
3. Developing all needed server-side scripts for their websites (www.ashrafcom.net, www.jetnetbr.net) and add-on services, using PHP/MySQL.
4. Setting up, configuring and administrating JetNet Broadband Web Hosting project using Linux-based CPanel and DirectAdmin administrative interfaces.
5. Configuring Linux base-systems for company projects (Voice over IP (VoIP), Vehicles Tracking, and Dial-up Access Server).
6. Participated in establishing IP-cameras video surveillance systems over WiMAX Network and managing the software part of the video surveillance project held by the company.

7. Holding the position of Software Department head in-deputy, which its main task is to support the software parts for telecommunication, GIS, document archiving and automation projects held by the company.

National Information Center – Ministry of Ministers Council

Khartoum - Sudan

National Military Employment

October 2004 – October 2005

Projects:

1. **Academic Office System – University of Khartoum.** (2009-2011)
2. Member of **ArabTeam2000 Programming Forums** (www.arabteam2000-forum.com) administration and moderators.
3. **IT Consultation and Freelance:**
 - University of Khartoum – Faculty of Mathematical Sciences – Computer Sciences Department.
 - OmaMedia Integrated Solutions Company (Sudan).
 - Savings and Social Development Bank (Sudan).
 - Nobles Group (Sudan).
 - Graduates Employment Fund (Sudan).

4. Secure Payment System (Graduation Project):

A project that aims to investigate about security issues in current electronic payment systems and also to propose a secure electronic payment system that satisfies the conditions of authentication, confidentiality, integrity, non-repudiation and applicability.

Skills:

- **Programming Languages:** ASP.Net (4.5, MVC), C#, VB.Net, PHP, HTML5/CSS, Javascript, Android Studio SDK, Flutter, NodeJS, Java, Python and C++.
- **Databases:** Microsoft SQL Server (2005-2019), Oracle(11g, 12c, 19x), MySQL, Access.
- **Desktop Applications:** Microsoft Office, Intergraph Geomedia, ArcGIS.
- **Fields of Interest:-**
Database Applications (OLTP, OLAP), Software Engineering, Business Solutions, Information Security, GIS, Computer Networking and Interfacing, and Systems Performance Analysis.

Personal Informations:

- **Date of Birth:** November 8th, 1982.
- **Place of Birth:** Al-Golid, Northern State, Sudan.
- **Natural Languages:** Arabic (mother language), English.
- **Nationality:** Sudanese.
- **Marital Status:** Married.
- **References:** Available upon request.
- **Notice Period:** 1 month at least.