

PERSONAL STATEMENT:

- Contribute immediate leadership, strategic rationalization, and efficient execution through an integrated approach ensuring the organization's desired project and operational goals in line with business objectives.
- Excellent verbal and written communication skills. Excellent analytical, planning, multi-tasking, and prioritization skills. Highly proactive, superlative creativity, professional integrity and discipline. Excellent conflict resolution and consensus building skills.
- 8+ years of experience in teaching and training professionals and students..
- 20+ years in Information Technology Industry, with excellent experience in Finance Systems, Data Warehousing systems, Business Intelligence systems, supply chain systems, and Master Data Management's architecture.
- Doctoral dissertation in Master Data Management architectural models.
- Skilled on gathering requirements and writing requirement, functional, and technical documents.
- Experienced in BI data modeling and design.
- Skilled with programming languages in C#, JAVA, T-SQL for SQL server , COBOL, PL/1, and PL/SQL for Oracle , Erwin and UML.
- Canadian and USA educated (Doctoral level) and trained with over 18 years (including 9 Years at Microsoft, USA) cross-functional experience in IT within Public and Private Sector, and Academia.
- Very skilled in database administration, design and implementation using Oracle, SQL server .
- Very skilled in Master Data management design and implementation using tools such as Stratature EDM, Microsoft MDS. Familiar with MDM of Informatica , SAP, and IBM

EDUCATION AND QUALIFICATION :

Doctorate in Informational Technology (Master Data Management) • University of Phoenix • USA.

Master of Science: System Science • Ottawa University • Ontario, Canada.

Bachelor of Science: Computer Science • Khartoum University • Khartoum, Sudan.

WORK EXPERIENCES :

EXPERIENCE SUMMARY	Dates
Assistant Professor: University of Najran, Najran, Saudi Arabia	2012-CURRENT
Project Manager/Software development engineer – Business Intelligence Microsoft, Redmond WA, USA	2002 – 2012
Sr. Software Developer: Shax Engineering: Santa Clara, California, USA	2001 – 2002
Project Manager : eWanted.com: Santa Clara, California, USA	2000 – 2001
Development Manager: iViews.com: Santa Clara, California, USA	1999 – 2000

TAUGHT COURSES:

Object Oriented Programming, Fundamental Database Management System, Project Management for Information system, Modern Application Development (Android Application Development), Geographical Information System, E-Commerce.

PROFESSIONAL SKILLS:

Microsoft, Redmond WA, USA (4/2002-11/2005; 9/2007– 5/2012)

Company Profile: Microsoft, is a leader in software industry. I worked within the areas of: MS Directory, Partners, MS Events, MS Sales, Sellers, LCA, BIE – MDM (Business Intelligence Engineering - Master Data Management, Velocity)

SDET Lead – Business Intelligence

Noteworthy Credits:

- Successfully managed the entire life cycle of over 10 projects for Business Intelligence Engineering for use by large customers, including HR Legal, Finance, Sales, Sellers, Customer support.
- Delivered over 20 key enhancements based on customer inputs and latest market research to the core IT application enabling greater customer retention and satisfaction as well as increasing reach to new customers.
- Managed projects worth millions of dollars.
- Successfully managed off-shore project teams in India and China.
- Created and helped to create a knowledge process for MSSales.

- Successfully managed to take over a project from Third Party Company.
- Successfully developed many automation tools for test team.
- Successfully demonstrated the importance of using MDM to many customers through presentations and training.
- Successfully managed to drive business, PM, Test, and development leads to migrate from EDM (Enterprise data management) to MDS (Master Data Service) through many PPT presentations and conversations.

Expedia Inc., Bellevue, WA USA

(2005-2007)

ETL Developer

Key Deliverables:

- Planned, designed, developed financial application using Informatica ETL.
- Participated in database modeling and design using Erwin.
- Project management roles in many Expedia financial applications.
- Prepared project schedules and estimations.
- Key role in business analysis, and planning & executing key project strategies to extend product function / range.
- Developed IT service strategy to improve IT service operations of the Business Intelligence Group.
- Negotiated with teams the schedule and estimations of each project.
- Lead International Teams (India and China).
- PeopleSoft ERP system implementation and support
- Lead team of Backoffice Database services.
- Coached and trained new employees .
- Built Data Warehouse Controller (ETL engine) using Informatica.

Noteworthy Credits:

- Successfully implemented IT Policy regarding SOX monitoring and auditing for financial IT project.
- Successfully created a plan for release management.
- Successfully managed an Indian offshore team.

Sr. Software Developer

Key Deliverables:

- Design, development, and implementation of Service Request System (SRS) IT/IS and Facilities departments.
 - Environment: Oracle8i, JavaScript, Cold Fusion, (D)HTML, Style Sheet, Windows2000
- Reengineered static website to be a dynamic database driven one.
 - Environment: Oracle8i, JavaScript, Cold Fusion, (D)HTML, Style Sheet, LINUX, Java
- Designed and implemented on-line shopping cart system.
- Implemented online credit card processing.
- Designed and implemented SQL server 7 Database (physical and logical).
 - Environment: ASP, Cold Fusion, JavaScript, Java, Win2000, SQL Server7, Access.
- Developed different parts of internet auction system as bidding start and end control, calculation of the next bidding, email system (emails to bidders and sellers) and more.
- Participated in user interface development.
- Trained IT operation team to use the SRS system
- Unit testing of the whole system by writing testing scripts and participating in fixes.
 - Environment: ASP, VB, VBscript, Javascript, WinNT, SQL Server7.

Noteworthy Credits:

- Successfully architect and develop Service Request System for the IT and facilities.

Project Manager

Key Deliverables:

- Fully responsible for project management function in this start-up enterprise focusing on building Consolidated Financials and online auctioning system.
- Designed and implemented Billing system.
- Successfully lead the effort to Reload SQL Server/NT platform applications to Oracle/Unix platform.

- As project lead, drove the localization of eWanted.com site to Japanese language.
- Designed and implemented a user tracking system for use in calculating Return on Investment.
- Designed and implemented a bug-tracking system.
- Developed a formal QA system.
- Rewrote Cold fusion code into Java/jsp.
- Managed the partnership between EWanted.com and Japanese company Jside.com
- Designed and implemented an object oriented customer support system in Java.
 - Environment : Oracle8i, SQL server 7, JDBC, EJB, JSP, JavaScript, Cold Fusion, (D)HTML, Style Sheet, WindowsNT, Sun Salaries, weblogic

iViews.com, Santa Clara, California, USA

(1999 - 2000)

Development Manager

Key Deliverables:

- Managed the development and delivery of online news software.
- Coordinated with editors, QA, news agencies (such as AP), and operations to deliver timely news online.
- Designed and implemented the database schema.
- Designed and developed “iviews” news publication web site
- Designed and implemented search mechanisms, survey, and discussion forum tools.
- Design and implemented newsletter tool.
- Designed and implemented news article parsing and insertion tools.
- Created editor tools to extract and filter news from the database.
- Installed and configured Internet Information Server, Cold fusion server, Oracle server, NT server.
- Designed and Developed Java applets based advertising system.
- Developed a formal QA system.
 - Environment: Oracle8i, SQL server 7, JavaScript, Cold Fusion, (D)HTML, Style Sheet, WindowsNT, Linux, Perl, Java.

Research Assistant

Key Deliverables:

- Designed and implemented search engine using Oracle8 (SQL*PLUS, PL/SQL) and CONTEXT-OPTION.
- Trained students to use Oracle.

Saudi Embassy, Ottawa, Ontario, Canada

(1995 - 1999)

IT Manager

Key Deliverables:

- Managed and coordinated the IT projects between Saudi Embassies in US and Canada.
- Created the network plan with Bell Canada to implement in Saudi embassies around the world.
- Developed library system, invoices, new student's evaluation, and HR Maintain Academic applications using Power Builder4/5.
- Provided a user training system.
- Provided technical support.
- Hardware and Software acquisition recommendation.
- Upgraded workstations and server with new software.
- Designed Saudi Cultural Mission Homepage (JavaScript, html, homesite2.5, Cold Fusion)
- Designed and developed tools to generate data reports from database.
- Designed logical and physical databases using Sybase DBMS.
 - Environment: Powerbuilder, Sybase, SQL server 7, JavaScript, Cold Fusion, (D) HTML, WindowsNT, Perl, Java.

Noteworthy Credits:

- Successfully collaborated with Bell Canada to plan for network implementation.

PUBLICATIONS/ CONFERENCES:

- Author of Master Data Management Comparison 2010, published in MDM community website
- Business Intelligence Conference, Microsoft, Seattle 2008; Microsoft IT's representative.
- ASEE 2014 conference two papers published Indianapolis, Indiana, USA at Jun 15-18,2014
- Dr. Mohamed A. Khairi, Gholam Ali Shaykhian, Ph.D., FACTORS INFLUENCE DATA MANAGEMENT MODELS SELECTION. 2014 ASEE Annual Conference papers (2014)
- Mohamed A. Khairi, Gholam Ali Shaykhian, Ph.D., CENTRALIZED OR FEDERATED DATA MANAGEMENT MODELS, IT PROFESSIONALS' PREFERENCES. 2014 ASEE Annual Conference papers (2014)
- Dr. Mohamed A. Khairi, Gholam Ali Shaykhian, Ph.D., Data Management Model Selection: IT Professionals' preferences - 2015 ASEE Annual Conference papers (2015), Seattle, WA, USA
- Mohamed A. Khairi, Gholam Ali Shaykhian, Ph.D., Data Management Model Selection: Expert Testimonies - 2015 ASEE Annual Conference papers (2015), Seattle, WA, USA
- Dr. Anwar Ali, Dr. Mohamed Khairi. Analyzing teaching effectiveness using Machine Learning Techniques; MLDAS conference 2016; Doha; Qatar. 2016.
- Mohamed Khairi, Ph.D., Adlan Balola Ali. Factors affecting Information Technology Students' motivation; Case Study: Najran University, Saudi Arabia. GJHSS-G Volume 16 Issue 5 Version 1.0
- Gholam Ali Shaykhian, Ph.D., Mohamed A. Khairi, Ph.D., Architectural evaluation of Master Data Management (MDM): Literature Review, 2016 ASEE Annual Conference papers (2017), New Orleans, LA, USA

- Gholam Ali Shaykhan, Ph.D., Mohamed A. Khairi, Ph.D., How Cultural Understanding Influences Business Success in Middle East and North Africa (MENA) 2016 ASEE Annual Conference papers (2017), New Orleans, LA, USA
- Dr. Mohamed Khairi, Ph.D., Mr. Mohamed Hussain Tawarish. " An Educational Management Information System (EMIS) to enhance Decision making process at Managerial level in Najarn University. K.S.A." . International journal of innovative science and research technology IJISRT Digital Library ISSN: 2456-2165 Impact factor: 5.15. (www.ijisrt.com) in Volume 3 - September - Issue 9, 2018.