**Curriculum Vitiate**

**Ahmed**

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**Summary of Qualifications**

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I had +20 years of progressive experience in oil and gas industry with proven IT skills of Enterprise Data Management, Structured Systems analysis and Design, Data Modeling, Application integrations, Project Management with highly skilled of

Database administrator, Case Tool administrator, Package selection and evaluation.

Application Design, team leading and management

**Certifications**

* Structured Systems Analysis and Design
* Certified Oracle, Sybase and IBM Database Administration
* Certified POSC data modeling
* Certified British Standard Institute – PASS 55 Asset Integrity Management
* PMI

**Accomplishments**

* Saved the company 1.8 M dollars to link 16 rig locations using CIRIX Meta frame over VSAT satellite limited bandwidth link
* Saved 1.0 M dollars for migrating DB2 supply chain application from Mainframe MVS 9000 to Midrange Windows server
* Design and implement Asset Integrity Assurance system and won ADNOC 2012 HSE reward
* Acquired the British Standard Institute PASS 55 for ADCO

**Professional Experience**

1. **– 2013 ADCO Asset integrity Management system ( AIMS)**

1. **Appointed as IT technical project manager for AIMS. My role is as follows:**
   * Manage the implementation of the project from technical perspectives including:
   * Assist in collecting and analyzing the user requirement specification
   * Conducting the feasibility study and case study for implementation approach
   * Participate on selecting the implementation option in terms of leveraging the existing maximo architecture
   * Manage the solution deployment with necessary setup requirements
   * Manage development and implementation resources of both ADCO and the vendor
   * Help the system owner in developing and establishing the business processes
   * Manage the interface of AIMS with other engineering systems such as Maximo, Credo, PIES, etc..
   * Manage reporting of KPI’s to management and end users
   * Liaises with engineering and major projects to build the interfaces required with E-Tagging and EDMS
   * Streamline the workflow and consolidate the business processes between AIMS and other integrated systems.

**Project 2**

**2008-2009**

**ADCO Engineering Tagging System**

* Manage and Lead the development, testing and go live of E-Tagging in terms of:
* Manage the vendor and ADCO resources availability
* Assist in collecting and analyzing user requirements
* Create the project Plan with detailed Work Breakdown Structure
* Setup the development, user acceptance and production rollout.
* Manage the interface and integration with Maximo and EDMS

**Project 3**

* 1. **upgrading MAXIMO 4.1 to MXES Maximo6.2**
* Lead ITD implementation team through the upgrade process in the following areas:
* Data migration mapping
* Define Data Migration Strategy
* Tune the performance of data migration queries to minimize Max4 down time
* Perform of Quality assurance data migration
* install Oracle 10g RAC high availability and load balancing clustering solution
* Performance monitoring and tuning
* Backup strategy using RMAN
* Database shared storage on SAN raw disk partitions
* Maximo6.2 installation, configuration
* BEA Weblogic 8.1 Administration
* Actuate server administration
* POST IMPLEMENTATION SUPPORT OF Maintenance, commercial and Finance through custom Java API to oracle financials and HR oracle 11.5

**Project 4**

**2006-2007 Upgrading DIMS drilling application To EDM**

My role is to manage the upgrade of the current Halliburton Landmark DIMS application to the new EDM integrated suite of desk top engineering applications. I adopted the **PMI BMBOK project** Management standards to manage and control the project.

The role covers the following processes groups :

1. Perform and coordinate both functional and technical evaluation of the new application.
2. Map Drilling business requirement against the application Data Model to define the gaps
3. Perform Project Initiation phase which includes project charter and project scope statement definition
4. Project Planning which includes project scope, schedule, cost, quality, resources, risk and procurement management planning
5. Project Execution which includes acquiring project team and vendor resources
6. Project Monitoring and control which includes monitoring and controlling changes, scheduling control and risk monitoring
7. Perform Contract administration
8. Manage communications with project stakeholders and within project members
9. Identify, analyses and manages project risk and mitigates project risks

**Project 5**  **Deploying BMC Business Service Management**

**2005-2006 ADCO – Abu Dhabi**

* I was responsible for the installation, configuration and deployment of BMC Patrol software in all production applications servers of Oracle Financials, MAXIMO, PIES, HR Smart Stream, DIMS, specialized projects and the NT Domain controllers.
* Patrol agents installed in each server collects events, alarms and send it electronically to application/database administrator to take recovery action in a proactive manner to maintain **SLA** (service Level Agreement) between ISTD and business users.
* Ensures availability of Oracle database and application servers in proactive manner.
* Created recovery action standards to be executed in case recovery is required in unattended mode.
* Set the database configuration(s) parameters of oracle table spaces, users sessions limits, disk space usage, redo log files, etc…
* Perform regular online database monitoring using BMC Smart DBA tool
* Monitor databases space allocation and system storage usage like disk space consumption, memory and CPU utilization.
* Produce various management reports to help on capacity planning.
* Produce Oracle performance reports against pre-defined threshold response time to investigate, and resolve performance problems.
* Produce weekly, monthly-collaborated management reports and statistics of all production servers to maintain the SLA with business users.
* Give advice to DBA’s on solving performance issues and better tuning.

**Project 6** **Design, Implement DIMS Disaster Recovery**

**2006 ADCO Company – Abu Dhabi.**

* Successfully implemented DIMS disaster recovery oracle standby database technology at BU HASA Site in case DIMS became inaccessible from Abu Dhabi H.Q. This design enables the database archived logs to be transmitted online periodically to the standby database at the recovery site. The down time is minimized to less than one hour.

**Project 7**  **Deploying on-demand Server Computation Technology CITRIX**

**2005-2006 Drilling Division- DIMS application**

* **I managed** to **consolidate 16 oracle databases** running separately at 16 remote rig locations into one master Oracle database at ADCO Head Quarter. The result of that solution is that daily operations data, which is gathered and entered at the rig site, became **instantaneously** available to drilling engineers at ADCO main office instead of 24 hours delay. This in return enhanced the decision making by drilling management as the drilling operation data became available once it is entered at the rig site. I saved ADCO 1.8 million dollars by enhancing the application performance at the rig sites. The existing **VSAT** satellite link low bandwidth was not enough to run the application at acceptable response time. My solution was to use third party software called **CITRIX** which dramatically improved the application response time. The cost of the software was only 10K dollars.

**Project 8**

**2001-2003 Implemented PIES** **Oracle Energy 11.5.3** **ADCO Company - Abu Dhabi**

* Implemented Oracle Energy upstream. My role was technical project manager. My roles and responsibilities were as follows::
* Performed the role of technical project manager , where I have handled all the technical aspects of the project ranging from laying down the application architect, servers acquisition. Servers specifications and configuration, application implementation, etc…
* Collect, define and document the production operations business requirements
* Participated in preparing the request for proposal (RFP) document.
* Participated in package selection and evaluation process using E&Y navigator methodology.
* Performed the gap analysis between business unit requirement and vendor package.
* Identified the hardware specification and capacity planning.
* Designed the configuration of the production server for optimal performance.
* Installed the database and application servers.
* Administered both database and application server for high performance.
* Designed and implemented the application availability in case of either hardware or network failure.
* Designed and implemented the database interfaces to Finder, and MAXIMO applications**.**

**Project 9**

**1997-2000 Migration of IBM DB2 v4 Mainframe to DB2v5.0 on MS NT**

**ADCO Company –Abu Dhabi**

* It was a challenge to migrate an in house DB2 application running on mainframe IBM 390 VSAM – SNA protocol to MS NT 4.x operating system. The main achievement was one million dollar saving, which represents the annual maintenance of IBM 390 MVS mainframe. The DB2 application migrated with the cost of 3K dollars only.

**Project 10**

**1996-1997 ADCO Migration Project**

**Data Migration** **Coordinator**

* I led a team of Database administrators to migrate mainframe legacy Data from IBM mainframe to the new industry standard client-server applications (HR SmartStream, Maximo, PIES, and Oracle Financials). The data types ranged from conventional files to database files. Data was downloaded from IBM DB2 to Oracle, Sybase and MS SQL server databases.

**Project 11**

**1995-1996** **ADCO/Geo Quest Finder Enterprise Data Model Design**

**ADNOC Group of Company**

I represented ADCO among Finder data modeling team formed by ADNOC E&P steering committee to consolidate and incorporate different operating company of ADNOC Group data models into Finder data model. As a prerequisite, project team members are formulated from ADCO PDD user’s representatives and ISTD to identify the business unit requirements. My role was to define the business Entities and attributes, and produced a normalized Entity Relationship Diagram in a third normal form.

**Project 12**

**1994-1995 Produce Data Model of ADCO PDD in-house applications**

Produced the data models and database designs for the following teams in PDD:

1. Geology
2. Petroleum development
3. Reservoir engineering
4. Petro-physics
   * The process includes identifying and defining the major data entities and their attributes. Applying structured systems analysis normalization techniques to produce the entity relationship diagram in 3rd normal form.
   * Create the physical database structure and its related tables into IBM DB2 platform.

**Project 13**

1992-1993 **Produce ADCO Enterprise Data Model Design**

**ADCO Company – Abu Dhabi**

I produced the ADCO Enterprise Data model, by identifying and defining 450 business entities. Out of these 450 entities, corporate entities across the business areas have been identified using the affinity analysis approach. This helped in mapping and discovering the gap between of the shelf industry standard applications and each business area requirements. It also helped in building Data interfaces among these applications.

**Project 14**

**1989-1991**  **IBM –DB2 Database administrator**

My role was to administer and manage DB2 database applications on the IBM mainframe. These applications include all PDD in-house developed applications. These applications (Geology, Production, Reservoir (PVT), Geo-physics) had it’s own backend DB2 database and RAMIS as front- end.

**Areas of Strength**

* Communication skills
* Coaching and mentoring
* Strategic thinking
* Team work & Co-operation
* Problem Solving/ Decision Making
* Customer Focus
* Planning & organizing
* Flexibility Initiative and Drive
* Manage Performance of others
* Concern of Accuracy & Efficiency

**Skills**

* Microsoft Enterprise Project Management ( EPM )
* Project Management methodologies of PMI and Earnest & young navigator
* Structured Systems analysis and design
* Database Management of Oracle, Sybase, MS SQLSERVER and IBM DB2
* Case Tools Management such as Oracle Designer and S-Designer
* Data Modeling techniques
* Enterprise Data Management Strategies
* IT Infrastructure Management such as BMC Patrol
* Application 24/7 availability Design
* Package selection and Integration
* Application interface Design using Middle Ware
* Contracts Management and Administration

**Awards**

* ISTD best performance employee 1998
* ADNOC HSE Asset Integrity assurance award 2012
* British Standard Institute BSI PASS 55 Certification 2013

**ISTD Studies**

During my courier, I had produced studies documents covering different areas within IT.

These documents were as follows:

* ADCO Enterprise Data Management
* Application Systems Availability
* Production Operations Interface Design
* Patrol Assessment and the Way Forward

Note: Hardcopy of these documents are available upon request.