### BASHAR SADIG

312-342-0024 [bashar.sadig@gmail.com](mailto:bashar.sadig@gmail.com)

##### SUMMARY OF Expertise

* Heavy concentration and over 10 years in Enterprise Content Management Systems (ECM) and Enterprise Search/Taxonomies
* Hands on & Technical- Project Manager/Program Manager, Enterprise Architect - Enterprise Integration Solutions: EMC/SAP/Oracle/SOA and ERP solutions.
* Responsible for management of cross-functional teams, developing project specific methodology and tracking of business and information technology project. Experienced in all aspects of managing, designing and implementing Mission Critical & Regulatory Enterprise Solutions via utilizing EMC Documentum, Oracle, and Microsoft, .NET, Unix.
* Executive Level Consulting Experience in Executive Planning, Strategic and Program Level Planning, Project Management, Staff & Vendor Management, Scope Definition and Management, Project Delivery, Risk Mitigation, and Managing the Entire SDLC Collaterals and Technical Documentation. Solid ECM and WCM project management background.
* Perform as the lead business analyst on high visibility projects. Responsible for the delivery of requirements documentation, leading teams of analysts and business champions while identifying requirements, change management, and business case development
* Perform as the Program & Project Manager/Project Lead, Business Lead– Core technical skills and often acts as the architect/technical delivery manager - Hands on WEB/ECM/ERP, Capital Project Management & Enterprise Solutions and Business Process Workflows.
* Experienced in Infrastructure Planning, High Availability Planning, and Security Planning, Data Warehouse Design and Implementation, Data Migration Scheduling, Program Augmentation.
* Proficient in strategy planning and “road map” development and requirements analysis throughout the entire SDLC process. Liaison between the business users and the technical teams.
* Experienced in Technical Writing, Methodology (Rational, RAD 7.5), SDLC, Cross-Functional Team Communications, Requirements Gathering and Requirements Analysis, Status Reporting, RISK Mitigation Planning, and the entire SDLC Collaterals.
* Experienced in proposal writing, RFP Responses, Cost Estimates, Rapid Prototyping, Bids, and Defining and Managing Project Scope.
* Subject Matter Expert: provides IT services to Life Sciences, Insurance, Financial, Trading, and Government domains.
* Hands On and Well versed and is experienced in all aspects of solutions delivery and skilled at managing IT Projects, Client Server and Web-Based Enterprise Information Management Solutions Using WCM, WDK, DFC, Web Cache, Documentum Content Services (SAP, PeopleSoft), C++, Multi-Threaded, Java, and J2EE, Publishing, Content Syndication, Content Globalization.
* Hands on Programmer: C++, Java, J2EE, C#, .NET, Assembly Language – Over 14 Years of Hands on Coding/Programming for life sciences, government, oil and gas, financials (Capital Markets Trading systems, Lending, Vanguard/Mergent Data Processing) Project Manager

##### SUMMARY OF ACHEIVEMENTS(Management – technical Delivery manager hands on architect/manager)

Program Management, Oil & Gas Managed a corporate wide initiative for business and information technology optimization. Responsible for the development and articulation of a 3.5 Billion dollar business case for the need to implement changes in business process and technology footprint. Responsible for the entire business and solution architecture credited towards program level strategy

Pharmaceuticals & Regulatory Managed and Delivered integrated solutions that address the business needs while achieving strict goals for meeting regulatory and compliance requirements.

Government Architect, managed and solutions for various government entities including GSA, the Federal Trade Commission. Strong focus in achieving goals for mapping business requirements

##### Technical Skills

Methodologies Agile, RUP, Waterfall, SCRUM. Expert judgment project methodologies and project’s approach

Programming Languages: Trainer in most programming languages, Assembly Language, Visual Studio .NET, C#, Visual Basic

3,4,5,6, Visual C++, Java, ATL, ActiveX, HTML/DHTML, VB

Script, MFC, Java Script, ColdFusion, XSL Style Sheets, Docbasic, DQL

Content Management(CMS/ECM) Documentum, SharePoint 2007, 2010, Web Parts, MOSS, Taxonomy, Drupal, Joomla, AutoDesk Workcenter, IBM Filenet

Development Suites: Visual Studio 97, 98, 6.0, .NET Architect

EMC ECM, ERP: EMC Documentum Versions EDMS 98, Documentum 4i, Documentum 5.2, 5.3, Documentum 6.0, WDK 4.2, WDK 5.2, WDK 5.1, WDK 6.0, DFC,

Documentum 4.x, 5.2, Web Publisher 4x, Web Publisher 5.2, Documentum Collaboration Edition 6.0, WDK 5.2, 5.3, 6.0, Documentum Forms, Documentum Architect, Core Dossier, DAM, Digital Asset Manager, BPM, Business Process Manager, Business Process Services, TIBCO, Message Queue, IBM MQ Series, Microsoft Share Point, SAP CRM, SAP ERP DMS, Content Services for SAP

Web Development: .NET, ASP.NET, C#, J2EE, JSP, SOAP, MSSOAP30, XMLHTTP, Perl, Home Site, XML. IBM RAD 7.5(Java based development suite)

Documentum WDK. Java Server Pages, WDK, TBO, SBO, BOF, BEA Weblogic, Websphere, IIS ISAPI FILTERS, ATL

Web Design: Microsoft Image Composer, Adobe PhotoShop, Adobe

Illustrator, Front Page 98, 2000

Design/Engineering: Relay Ladder Logic, PLC Ladder Logic, AutoCAD, 3D Modeling,

OpenGL, Visio Enterprise, Erwin, CAD Link, Empace, McLaren Enterprise Engineer(KVisia)

Operating Systems: Windows NT, Windows 2000, Windows 95,98, Windows 3.x,

MS-DOS, Mac

Database: DB2, Oracle, PL SQL, SQL Server 6.5, 7.0, 2000, MS Access, Paradox, Crystal Reports, Database Modeling – Erwin, Stored Procedures, Reports, ColdFusion, Familiarity with reporting tools such as OLAP, Cognos, Data Processing, ETL

Architecture: Data Centers, High Availability Planning, Capacity Planning, Disaster Recovery Planning, Storage, Microsoft Message Queue, IBM MQ, RAD Imaging, Fax Integration, Input Accel, Kofax, CTIBCO, Transaction Server, ISAPI, Web Farms. Documentum 4i, 5.2, 6.0, Java/WDK, Content Services for SAP, EMC, Data Centers, Windows NT Services, and Multi Threaded messaging applications, BPM, BPS, Software Modeling

Web/Network: Site Server, IIS, BackOffice, Data Center Design/ Security

Implementation, Capacity Planning, High Availability Planning, Storage

##### EXPERIENCE

**Consultant/Delivery Manager 10-2007 to Current**

**Consultant, Software Engineer, Project Manager – IT ARCHITECT**

**State of Illinois – Statewide Reporting - Comprehensive Accounting System**

Project lead/program manager for a statewide accounting management reporting system. The system is used by all state agencies to report annual spending. The team comprised of a vast number of business analysts, CPAs, business managers, and internal and external IT staff members. The architecture consisted of SQL Server, Microsoft SharePoint Server 2010, Taxonomy, Search, Adobe Products, SSIS, SSRS, Workflows, and Document Management systems. Maintained hands on in all aspects of project delivery including requirements gathering to C# .NET based programming.

*Enterprise Solutions Architect & Consultant on* ***various/concurrent*** *engagements:*

**RTD – Denver Transit & Light Rail – Enterprise Content Management Solution Architect/ECM Strategist**

Provided Roadmap and Holistic Architecture (Enterprise Architecture) for a suffering CMS / ECM Implementation and provided full assessment and mitigation on project’s failure causes and implementation flaws.

* Assessed the deployment of Documentum 6.0 tools to address requirements for content management using Webtop 6.0, workflows, Lifecycles, and the customized data dictionary.
* Provided mitigation remedies to the existing data dictionary/models implementation and mapped the entire organization’s taxonomy.
* Provided the RTD with full blue-prints of the CMS (Content Management System)’s Program which would then span 2-5 years with a Gantt chart of the entire program. Solution included plans for Oracle ERP integration, Digital Asset Management architecture, media interfaces.
* Advised on the implementation of McLaren Enterprise Engineer (KVisia), provided architecture point enhancements to meet RTD Drawings Management (AutoCAD), Transmittals, and Fax Integration
* Provided a unified integration architecture for RTD’s Oracle ERP investment with Documentum utilizing different design patterns (Loosely coupled where applicable)

**Benefit Strategies Inc – Northbrook (Ongoing Consulting/Concurrent)**

* Managed, Architect, Designed, and Implemented Market Data Systems for Capital Markets Trading simulation pertaining to retirement plans systems, Project Manager, **Interest Rate** Calculations Modules, Prime and **Corporate Bond** calculations systems, **Mutual Funds** and Allocations Systems using C++ and .NET
* Maintain a set of SDLC documentation in relation to software models, specific customizations, and future planned enhancements to software
* Responsible for the entire Infrastructure: Design and Application Security Planning and Implementation
* Interfaced with Vanguard’s Data Feeds, Mergent (Moody) Investment funds, managed and updated investment records via data record streams. Designed Data Models, Updated Existing Database Schemas to encompass Section 409A Federal Requirements, Produced Document Management schemas and retention rules for client’s records
* Implemented software development best practices and identified areas where such technologies and coding practices would be used. Evaluated newer software features, enforced the prohibition of usage of certain features such as .NET anonymous types and Lambda Expressions(by convention) to promote best development and architecture patterns and eliminate ad-hoc coding practices, centralize business logic, and enforce best OOP design. Implemented SharePoint for managing corporate records having performed comprehensive records management strategies.
* Created metrics and calculation modules for Interest Calculation, Interest Crediting, Transaction Scheduling, FICA Tax Calculation Modules, Vesting Modules using the latest coding techniques using .NET, C++, VBA, and C#, MSSOAP30.DLL.

**Program Manager - Enterprise Content Management(ECM) / Strategist – Delivery Manager 02/2009 – 08/2009**

Saudi Arabia – OIL/GAS Petroleum – ARAMCO/KOC/KJO

Responsible for the overall delivery of an enterprise wide content management integration feasibility study that is holistic both business and technical and conducted departmental surveys of the entire organization business functions, business processes, and management information systems. The survey results were used to articulate the entire mission for a unified content management strategy that leveraged the customer’s SAP, Oil/Gas by Schlumberger (Artificial Lift, Cementing, Drilling, Seismic Services, Stimulation, Well Testing, Reservoir Management), Secure Perfect industrial security devices and tools (badge, gate pass, etc), and Oil Well Data information repositories.

* Leader/Manager Of The Ground Operations As The Onsite Manager/Lead For The Delivery Team
* Developed Enterprises Content Management - ECM Feasibility Study And Business Case At KJO
* Assessed the implementation of SAP and SAP solution fitness which was suffering due to technology leverage issues arising from the continuously existing heavy paper exchange not-withstanding the significant SAP investment. Developed architecture for solving the paper trail issues by introducing content linkage and content management strategy for SAP transactions. Developed integration architecture with Microsoft SharePoint/MOSS Portals.
* Acted as the lead business liaison while managing a team of business analysts and business champions. Responsible for the development of the comprehensive business requirements, documenting workflows and business processes, while aiming at introducing change to existing flawed operating procedures.
* Designed SDLC document templates in accordance with the project/organization approach. These templates where used to precisely document business process issues, business requirements at a granular level, and later on aid in the planning of the entire ECM Program.
* Produced Logical & Functional Architecture, Corporate Taxonomy, Cost Benefit Analysis Documentation Inclusive Of Operation Metrics and Rational For the Proposed ECM Investment. Prepared Comparative Analysis for Documentum and IBM’s FileNet.
* Defined The ECM Technical Interface / Integration Requirements With Core Systems, Including Business Support Systems, And Other Industry Specific Systems In Agreement With KJO Management And KJO Senior Executives’ Directives
* Defined The Overall ECM Technology Roadmap for the organization depicting the manner In which there would it will leverage the proposed enhancements to existing portals, the creation of new internet/intranet business capabilities, and the optimization of the entire information management layer, and the implementation of the new ECM Foundation for the knowledge management and business intelligence, Etc.
* Produced Program Level 3 Year Plan For Enterprise Content Management (ECM) Inclusive Of Roadmap, Technical And Business Architecture, SAP Connectivity Blueprints, And Overall Master Project Plan.
* Produced entire program’s blue-prints (Architecture), Program Office Strategy, and Budget Proposals for a 10 year implementation plan.

**Federal Trade Commission – Washington, DC 08-2006 - 06-2007**

**Technical Lead / Architect**

* Performed as the Solution Lead and business liaison and project manager for a governmental IT initiative (FOIA, 508, CFR, Compliance) project.
* Produced Time and Material Estimates, distributed workload, and recommended best approach for overall strategy. Delivered a working solution that is web based. Implemented Workflow Automation by customizing Documentum presentation layer(Webtop) and core components in C++(Authentication override, Data migration and automated testing).
* Customized EMC Documentum presentation layer using Java, JSP, VB Script, XML, XSLT, HTML, TBO, SBO, WDK and customized Documentum Core Components (Email, Authentication, Microsoft Integrations) in C++ and Java/J2EE
* Lead role in requirements gathering, requirements elicitation, and proposals writing and change management.

**Forefront Technologies, Burlington, NC 10-2002 - 10-2005**

**Principal Consultant, Delivery Manager/Architect – Enterprise Content Management/Documentum**

* Consulted in the following engagements (explained in detail below) Pfizer Pharmaceuticals, Standard and Poor’s, Cendant Corporation, Fairfield Resorts, Abbott Hospital Products Division, America Online, PB,...
* Provided detailed estimates on projects and bids, provided project plans and statement of work for various engagements. Produced Rapid Prototypes and acted as the pre-sales consultant.
* Responsible for providing facilitation, management of team issues, project methodology and tracking of business and enterprise information projects.
* Established and maintained project communication internally and externally and communicated project objectives and success criteria internally and externally. Defined key project roles and responsibilities and established collaborative relationship with cross functional teams in order to guide functional planning and implementation of project.
* Provided expert architecture advice around Microsoft SharePoint, Documentum, FileNet, SAP ArchiveLink, ColdFusion, SolidWorks, AutoCAD.

**UBS Investment Bank - New York, NY 04-2005 to 10-2005**

**Project Manager, Lead Architect**

* Onsite project manager working with EMC’s solution principals on high profile Investment Banking products for UBS encompassing Information Management and Enterprise Content Management to meet regulatory compliance requirements.
* Functional Manager and Lead a team of developers and constructed a “Loan Requisition and Loan Processing Pipe Line” application using Documentum 5.3 and Webtop.
* Provided full Infrastructure and Hardware topology to port the existing EMC Data Warehouse and scale up to fit the new solution and expand the existing Documentum infrastructure

**Sears Corporation Hoffman Estates, IL 09-2003 to 04-2004**

**Documentum/wdk 5.2 architect, Technical Lead**

* Participated in a strategic information and communications strategy for Sears Corporation as the Enterprise Content Management Architect-Documentum Architect leading the WCM Architecture and the Implantation of Documentum-Broad Vision Portal integration.
* Established and maintained project communications and communicated project objectives and success criteria across the organization. Defined project roles and team responsibilities and established collaborative relationship with cross functional teams in order to guide functional planning and implementation of project

**Abbott Laboratories 03-2003 to 09-2003**

**Documentum Architect /Microsoft .Net Consultant**

* Performed as a senior engineer supporting, designing, and improving upon global existing and future Documentum regulatory applications. Acted as point man solving architectural and design problems within various Documentum solutions.
* Established and maintained project communications and communicated project objectives and success criteria across the organization. Defined project roles and team responsibilities and established collaborative relationship with cross functional teams in order to guide functional planning and implementation of project

**Government (GSA) – (Concurrent-Part time) 09-2002 to 12-2004**

**Architect Documentum/Wdk 5.2, Project Technical Lead**

* Implemented a nationally syndicated highly available enterprise content management system to manage GSA transactional information and content.
* Implemented interfaces for and enabled Documentum to synchronize with Data from various government’s data sources and systems.
* Solution involved Scanned Documents, AutoCAD, CAD Link, EMC Documentum, Microsoft Integrations, Oracle, SQL Server, Data Modeling, Security, high availability, disaster recovery, and data center design.

**INTEL Corporation**  **11-2001 to 01-2003**

#### Senior Solutions Architect

* Performed as the Lead Solution Architect and lead the development of an Enterprise wide Documentum solution within Intel Corporation (WEB BASED .NET Architecture) to target ALL Intel-Documentum Repositories (Docbases).
* Implemented a globally accessible replacement for the Documentum WDK using Documentum 4i, DFC, DQL, WDK 4.2x, ISAPI, VB.NET, C#, Web Services and XML.
* Architect, Designed, and Implemented an XML Based Enterprise Rule Management System coupled with a robust Data Model to use with the Documentum schema.

**McLaren Consulting Inc**  **3-2001 to 10-2001**

#### Senior Solution Architect - Documentum

* Designed, implemented and delivered high availability Documentum solutions to Pharmaceutical, Energy, and other fortune 500 companies: Thames Water England, Sears, Alliant Energy, Eli-Lilly, BP.
* Produced McLaren Enterprise Engineer(KVisia) proposals, consulted in CAD Link and EMPace software and AutoCAD based engineering document management solutions.
* Created Solution Design Documents, Created Architecture Specs and Object Hierarchy, and Diagrams for Document Management solutions. Played an active role in the bidding processes and Implemented Solutions as a lead architect.

Details on projects while at McLaren Consulting:

**Eli-Lilly Pharmaceuticals, Pharmacia**:

* Designed Engineered and Implemented, AutoCAD and Documentum Integrations to Synchronize CAD Blocks with Documentum Attributes. Designed custom forms in Visual Basic, Defined Taxonomies and data models.

**BP Cantera:**

* Architect, Designed and Implemented, a web-based solutions for Documentum to be integrated with the portal
* Defined Object Architecture and Taxonomies

**Allied Energy:**

* Architect, Designed, and Implemented, Documentum Web Based Solutions on XML, Web Publisher, WDK
* DQLArchitect, Designed, and Implemented Taxonomies for Documentum implementation.

**Thames Water Resources London England:**

* Architect, Designed and Implemented automated workflows, taxonomies
* Architect, Designed, and implemented Custom Properties Page For Documentum and the Desktop Client
* Designed a Project Management Utility to automate the process of creating project folders based on templates. Project Templates were defined in XML, Folder Hierarchies, Custom Document Templates, and Security.

**Other Companies:**

* Aided in the process of Bidding, Sales, and Estimates of Project’s Costs to a number of high profile Documentum Customers.

**RCMT Technologies Inc. – Salem, NH**   **01/1999 to 01/2001**

#### Senior Web Architect / Microsoft Based Technologies

* Conducted as the Lead, and Senior Web Architect for RCMT Technologies’ clients in New England and provided project management and software engineering services for Stratus Computer, The Voice Works Inc, Metratech Inc, and other clients.
* Managed the WHOLE aspect of the business (Budgeting, Time Line, Team Assignments, Accounting, Software Engineering Proposals, Bid Preparations, and other tasks). Delivered solutions involving ASP, HTML, COM, ATL, and Relational Databases

**MetraTech Telecom, Needham, MA 9/2000 to 11/2000**

#### C++ Developer/ Security Consultant

* Performed as C++ developer for MetraTech corporation that is developing multi platform billing systems for telecommunications companies such as (Sprint, MCI, etc).
* Participated in a platform that fully utilizes XML over HTTP, multiple platform oriented deployment (Product’s Backend can be Oracle or SQL Server), and co branded on the fly customizable front ends and portals.

**The VoiceWorks - Norwood, MA 11/1999 to 06/2000**

**Web Architect**

* Project Lead and Web Architect for a company with a client base ranging from Compaq Computer to Intuit Software.
* Authored functional specifications and defined the Architecture and foundation for a web based administration tool for their product and processes.
* Defined the Internet Based Architecture back-end and front-end for the administration tools using Windows NT Services Architecture (Multi-Threaded)

###### Stratus Computer - Maynard, MA 02/1999 to 11/1999

**Logistics and Software Distribution System “Senior Applications Architect”**

* Gathered systems requirements from the business and authored the Product Requirements Documents(PRD) and engineering diagrams. Created Database schematics and preliminary models.
* Designed, implemented, coded, and tested the Web-Based solution integrating the SAP Manufacturing System and the SAP CRM with my new database-driven solution using JavaScript, DHTML, Active Server Pages, Visual Basic, Oracle Databases. And provided ETL tools for data migrations via MFC & C++ data processing customizations

**Walgreen’s Chicago, IL 11/1998 – 01/1999**

**Web Architect/Trainer/ Prescription Management Systems**

* Responsibilities included laying down the foundation for a web interface, creating file structure, creating the database, modify a proposed data diagram, mentor the data extract process, and play a lead role by defining a role to match skills for the team.
* Trained the team and introduce them to HTML, Front Page, and Visual Basic Programming and Integration to produce a solution. My task was very specific: To Mentor and Lead the team and to define the base architecture.

**Williams Mercer Chicago, IL**  **07/1998 – 11/1998**

**Sr. Web developer and Software Engineer in Benefit Enrollment Systems(Insurance, Health care benefits, retirement plans)**

* Designed Interactive Web Response and Interactive Voice Response Systems to manage collect and control clients’ benefit packages to employees.
* Integrated Microsoft Back Office, SQL Server, using Visual Basic, InterDev, Access, Java Script, Active Server Pages, Transaction Server, Site Server. ColdFusion was new encounter. Used ColdFusion libraries to transform SQL Server Requests and Response back to the web system. Encounter in ActiveX technology to extract data from SQL Server to report generators.
* Designed, Implemented a multi-user system to track calls, report calls.

**Thermal Care Inc. - Niles, IL 05-1997 to 04-1998**

**Product Designer, 3d Models Rendering, Vba AutoCAD Customizations**

* Piping design, relay ladder logic, electrical panel design, entry-level PLC ladder logic, documentation, database design, in-house network design, as follows:

1. Product designer for Industrial Chillers, electrical panel design and ladder diagrams were daily tasks. Using my tutoring abilities, I issued training documents on how to create ladder diagrams and visualize the process of ladder logic.
2. Leading Role in-charge of the Document Recovery Project and Document Management System and Autodesk Work Center Document Management System Migration
3. Designed parts drawing management system linking AutoCAD live to AS400/MAPICS Product Data Management System via ODBC, the solution automated the creation of bills of materials soon as drawing is phase is finished.

**Cybernet Systems Management Inc. Schaumburg, IL**  **06/1996 – 05/1997**

**Product Designer (AutoCAD)**

* Designed Process Flow Diagrams from smaller drawings. Participated in Food Production projects and Pharmaceutical projects by creating bill of materials and reports using Access and Crystal Reports
* Created custom database solutions like a LAN Manager using Ms Access, Front Page, and VBA.

**EDUCATION**

* Harry Truman College, Degree In Drafting and Machine Design, 1996
* Current enrollment: North Eastern University (NEIU) . Computer Science Bachelor Degree Program