***Deri Francis***

***1410 Cedar Hollow Dr.***

***Prosper, TX 75078***

***Derika30@gmail.com***

***972.983.6797***

***CTO/ Enterprise Architect/IT leader/Program Manager***

**Me**: CTO or Enterprise Architect or Director with ability to build out organizations due to strong technical and soft skills. IT professional with a passion to make a difference.

**Education**: B.S. Computer Science, University of New Orleans, 2002

B.A. Sociology, University of New Orleans, 1997

**Personal and Technical Strengths:** Architecture, Software Development, Communication, Algorithm Analysis, Leadership

**Industry**: Insurance, Finance, Telecom, Education, Retail

**OS**: Linux, UNIX, Windows, Mac

**Training Skills Received**: WebSphere Product Center, ActiveVOS, WebSphere Message Broker, Talend ESB, Oracle SOA Suite 10G, Oracle SOA 11G

**Application Servers:** WebSphere, WebLogic (Oracle Fusion App Server), JBoss, TomCat, IIS,

Glassfish, JRUN

**Database Servers:** Oracle 11g, SQL 2005, MS Access, MySQL, DB2

**SOA Technologies**: WebSphere Message Broker, ESB, BPEL, JMS, Web Services, Registries, SOA Patterns, oracle service bus, WSDL, XSD

**Programming Languages, Frameworks, Tools, Other Technologies:** JEE, java (1.1-1.8), .Net, ASP, JSP, XML, Spring, Struts, Log4J, Web Services, Hibernate, EJB, Servlets, JSTL, Ant, Stored Procedures, WSDL, Swing, Subversion, OOA, Gang of Four Patterns, Eclipse, Rational Developer, W.S.A.D, JDeveloper, HTML,DHTML, JMS, Sonic MQ, JProfiler, PL SQL ,SOAP, Mobile API, Dreamweaver, TCP, Sockets, Java Beans, HTML, Apache Commons Packages, B2B, B2C, JMeter, Electronic Data Interchange, JAX-RPC, JAX-WS, Subversion, Abacus, Cloud

**SDLCS**: Waterfall, Spiral, RAD, Agile, Rapid Prototyping, and many more

**ARCHITECTURAL FRAMEWORKS**: Zachmann, Gartner, TOGAF, GOF, TAM, Forester

**CLOUD VENDORS** : Amazon

**Work Experience**:

**JSG INC, US, Dallas, TX Enterprise Architect consultant (05/16- 5/17) -90% enterprise architecture, 10% solution architecture and coding**

* Helped CTO build out enterprise architecture group at the client site (using TOGAF 9.1)
* Used social science degrees to help breakdown silos and political discourse within the organization
* Delivered key Enterprise artifacts (catalogs, matrices, value chain, solution concept diagrams, function decomposition diagrams, etc.) using Abacus Modeling and EA Repository suite by Avolution
* Created proof of concepts for technical teams using java, tsql, hibernate, etc.
* Built out transition plan for moving to a hybrid cloud architecture (AWS) from Rackspace
* Communicated tradeoffs from moving from Rackspace to AWS
* Provided Technical definition of projects that were strategic and key to accomplishing company goals
* Lead efforts that contributed to the overall innovation of lab processes with the company
* Met with business users to help determine long term business needs and strategy
* Translated design specs into architecture design documents
* Lead JAD Design sessions between the business and technical resources
* Helped and lead Kaizen activity to improve architecture decisions and program management and within the organization
* Developed interface control documents
* Lead and participated in devops to overhaul sdlc progress
* Engaged and built relationships with various cross functional teams in order to establish work list and components needed to establish company goals
* Held responsibility for infrastructure and order to cash (lab product) projects
* Lead effort to help improve hl7 interfaces
* Attended some of the scrum and desk checks to ensure requirements were properly delivered to stakeholder
* Worked across various cross functional teams to optimize process improvement

**OmniPoint US, Atlanta, GA Oracle SOA Lead/Architect (01/16-5/16) -100% design, coding and analysis**

* Focused as an oracle SOA bus consultant, utilizing JDeveloper, WebLogic, java connectors, JDeveloper to code integration solutions (OSB, BPEL, JCA, sQL, )
* Coded XSD’s, wsdl’s, proxy services, bpel components, business services, etc.
* Worked with offshore team members to code enhancements for the Cox-Manheim Gavel to Gate project
* Lead design sessions for the change request associating with flooring cars for auctions
* Helped project managers build out work list (LOE) and project plans
* Translated business requirements into Technical requirements and communicated those requirements to the offshore team
* Developed interface control and AAD documents

**Enterprise Architect, Sky Bridge Resources (Ellucian), Remote (3-15 to 11-15), 100% architecture and project management**

* Served as Enterprise framework SME on Enterprise Architecture team
* Applied Enterprise Frameworks like Forrester, TOGAF 9.0, and Zachman to propose, champion and author strategies and documents that helped establish leaner, clearer, business processes with Cloud Services at Ellucian
* Assisted sales with estimates related to the on-boarding on new customers or product services
* Lead an initiative the stood up an Amazon Web Services sandbox
* Assisted and lead efforts that on boarded over 20+ clients into Banner XE and other cloud bases products
* Built out cloud transition roadmaps to create hybrid architecture in AWS
* Represented the technical team and its deliverables to IT leadership
* Worked with service delivery managers to ensure on time delivery of product to customer
* Helped networking team establish availability zones, firewall rules, the size of aws instances and other tasks

**Enterprise Architect, TRG (XO Communications), Plano, TX (9-14 to 12-14), 100% architecture**

* Short engagement focused on partnering with XO architecture team and Gartner consulting to figure out the best TAM based solution for the OSS/BSS
* Authored documents that provided thought leadership and recommendations to C-level executives on how to improve the OSS using SOA Frameworks
* Wrote technical documents that ironed out key design deliverables like data flow diagrams, sequence diagrams, entity diagrams, risks, etc.
* Administered formal SWAT review of XO OSS middleware environment to determined what service bus was appropriate and what weaknesses were exposed at an application level

**Enterprise System Architect, Apex Systems (Advance Auto Parts), Roanoke, VA (12-13 to 7-14), 100% architecture**

* Lead Integration effort for a major assortment planning project that determined how to put products on the shelves at AAP stores
* Designed a solid SOA solution to facilitate communication between WebSphere Message Broker 9.0 (IIB and various systems like SPSS, EDW, AS400, etc.)
* Met with managers and business users to discover business requirements as well as system requirements
* Mentored junior developers concerned design decisions and coding solutions
* Wrote technical design documents that ironed out key design deliverables like data flow diagrams, sequence diagrams, entity diagrams, risks, etc.
* Helped prepare presentation decks to aid senior management in decision making
* Designed solid message oriented, web service based and java solutions to solve business problems
* Played double duty also handling the RICE-FW for the project since we were short on business analyst resources
* Developed interface control documents

**Citizen’s property insurance, Tallahassee, FL, Lead Oracle SOA Consultant (04/13-11/13) -100% coding and analysis**

* Focused as an oracle SOA bus consultant, utilizing oepe, weblogic, java connectors, JDeveloper to code integration solutions (OSB, JAVA, JCA, BPM, SQL)
* Coded XSD’s, wsdl’s, proxy services, bpel components, etc.
* Configured and implemented all business services, proxy services, accounts, alsb configurations that interacted with Alfresco and Guidewire
* Set up development environment (RCU,SQL Server, weblogic domains, OSB, etc)
* Handled and led two the team's most complex integrations with Guidewire and alfresco
* Created several design documents that were used by the SOA team and the scrum master
* Mentored junior developers and taught best practices with oracle service bus
* Set up managed servers for the developer environment
* Researched the possibility of using Oracle 12c (12.1.3) in the development environment
* Became the glue between the teams in order to help remove roadblocks

**Syntel-FedEx Office, Dallas, TX Lead System Analyst (11/12- 4/13) -100% architecture and analysis**

* Focused as a SOA lead analyst for FedEx location/center related projects
* Conducted JAD workshops to collect requirements from the business and other SOA related projects
* Worked as an system analyst to help develop an enterprise order canonical to integrate several downstream, legacy order systems
* Worked with offshore teams to deliver quality software solutions
* Created several design documents that were used by the SOA team to develop several applications

**Cognizant/Walmart, Bentonville, AR Lead WMB Consultant (8/12-11/12) -80% architecture/management and 20% development**

* Focused as a WMB/JEE lead consultant for the Walmart Enterprise Architecture Integration team
* Managed and Delivered production support initiatives for Brazil and Chile Lider store conversations
* Worked heavily with offshore resources
* Worked on various code reviews for Java Compute Nodes and ESQL nodes
* Created production plans for various inflight projects (message broker flows, CICS, host, web services, BPEL,SAP R3 Adapters, BPM, etc)
* Scoped and divided workloads with offshore teams to deliver quality solutions

**Timberhorn, Frisco, TX, HL7 Integration Expert (4/12- 8/12) -100% architecture and hl7 SME**

* Focused on hl7 transformations for various EMR vendors
* Strong understanding of hub and spoke, service facade, and service proxy patterns
* Recommended integration strategies for between oracle fusion suite, J2ee and various Integration layers
* Responsible for understanding various hl7 transactions
* Worked mostly with hl7 result segments
* Negotiated payload formats with vendors
* Helped document the necessary changes needed to migrate from oracle SOA 10g to oracle SOA 11g

**Ascendant – Austin, TX, Domain Architect (11/11- 4/12) -100% architecture**

* Revamped Ascendant SOA Consultant methodology and was key in some pre-sales initiatives with clients like NASCO and The Men's Warehouse
* Strong understanding of hub and spoke, service facade, and service proxy patterns
* Worked on the Service Oriented Architecture board to help recommend strategies across the enterprise
* Played a key role in architecture related engagements
* Studied Data Power appliances with focus on installing and configuring policies on the xi50 device
* Served as a subject matter expert for Message Broker
* Served as enterprise service bus (ESB) SME
* Served as enterprise java SME
* Authored design docs, mxsds, and xsds for junior developers

**USAA /Daman Consulting – San Antonio, TX, Integration (Delivery) Manager (01/11- 11/11) -100% Management**

* Assisted an executive director with overseeing the system integration of MAAC with projects in flight across the enterprise.
* Developed requirements matrices and conducted JAD sessions to discuss integration strategies between MAAC systems and other USAA subsystems
* Participated in a triage and made key recommendations to restructure the day to day operations of MAAC
* Sharpened ability to read communication styles of team members and contractors who come from abroad spectrum of disciplines.
* Managing and overseeing the integration and delivery of MAAC with over 50 inflight projects
* Worked with stakeholders to determine how the data collected from MAAC would be used to improve customer experience
* Negotiated system to system integration strategies with other teams and managers
* Interacted with teams on and offshore to ensure that milestones and deliverables were delivered in a timely manner
* Worked closely with product owners, subject matter exports, and technical resources to define and execute high-performing service-oriented solutions.

**Perficient – San Antonio, TX, Lead Technical Consultant (06/10 - 12/10) - 60% development**

* Worked as an ESB/Middleware consultant for projects with the following clients: FannieMae, BCBS
* Helped configure Data Power appliances for the Perficient BPM group
* Organized, did gap analysis and clarified specifications for a system that processed EDI transactions (835, 837, 270, etc)
* Wrote Service Definitions for various web services that interfaced with EDI processors
* Researched what it would take to move from EDI 4010 to EDI 5010
* Architected a system that migrated from See Beyond to WebSphere ESB platform

**USAA Bank – San Antonio, TX, Contract Enterprise Sr. Developer (10/20/09 - 6/01/10) - 60%**

**Development**

* Worked as Message Broker (ESB) Sr. Developer for an internal USAA project.
* Created message sets that work with broker nodes like Soap, Route, MQ, JavaCompute, Compute, File, XSLT, Email, Database, etc
* Set up Message Broker Execution Groups and identities
* Wrote Service Definitions for various web services
* Configured messages for message domains like Soap, MRM, XMNSC, BINARY
* Lead CheetahMail.com integration efforts into USAA
* Worked as Message Broker (ESB) Sr. Developer for a internal USAA project.
* Mentored developers on the concept of the Enterprise Service Bus, oriented theory, modular software development and various design patterns
* Architected, designed, and orchestrated various web services and message flows in order to facilitate system integration with systems like the genesis dialer, cheetmail.com
* Created Web Service Interfaces and contracts
* Interfaced with SalesForce.com service proxy
* Organized and clarified specifications for various projects for the Mortgage division and MCO of USAA.

**DBG – SouthLake, TX, Contract Technical Lead Developer/PM (7/04/08 -5/08/09) - 60%**

**Development**

* Promoted team building activities within various teams
* Focused primarily as architect and team lead for the Bank of America "add it up" and the "MyHSA" project
* Interfaced with vendors to determine fulfillment of customer requirements
* Mentored developers on object oriented theory, modular software development and various design patterns
* Architected, designed, and implemented a CSR tool for Bank of America points reward based software (J2EE, TOMCAT, JSP, Eclipse, Spring, AXIS, WSDL, SWING, B2B, B2C,JAX-WS )
* Organized and clarified specifications for various types of reward based software.
* Assist in software development project plans, including scoping, scheduling, and implementation for a huge project dealing with health spending accounts (Glassfish ESB, JMS,J2EE, Oracle)

**AMG – Irving, TX, Lead Developer (7/16/07 -5/15/2008) - 70 % percent development**

* Set up and implemented service oriented applications that controlled the submission of leads to insurance agents (J2EE, JMS, BPEL, ESB, JSP, AXIS, OC4J, SQL 2005, EDI, B2B,Oracle, JDeveloper, JAX-RPC)
* Set standards for wsdl’s and schema development for web services as well as BPEL Processes
* Maintained and tunes a system called LMS (Leads Management System) which allowed agents to login, view leads, assign leads, etc. (J2EE,Spring, Hibernate, TOMCAT, Liferay Portal JSR 168 )
* Designed, Set up, and configured BPEL instances (PartnerLinks, Variables, Activities, Handlers) etc
* Coded bpel using process activities, variables, message types, partner links, wsdl’s etc

**EMC Mortgage Corporation – Lewisville,TX, Lead Developer(12/11/06 – 06/26/07) - 60%**

**development**

* Architected and designed service oriented based applications that dealt with financing and collecting mortgages on the secondary market (J2EE, C#, JMS, JSP, AXIS, WebLogic, Sybase, Oracle,B2B)
* Point of reference for the Data Warehouse team during the WITS RFP planning and dimension conversion process
* Recommended and helped implement key infrastructure changes at the request of the company’s CIO

**Robert Half International – Irving, TX, Technical Consultant ((Dec 2005 - Feb 2006) - 80 % development**

* Creating and updating front-end and back-end interfaces for logistics software for US Army
* Updated Requirements and artifact documents concerning the process of movement of government hardware
* Modified and implemented new functionality for EJB’s and Custom JSP tags utilizing Eclipse, JBoss, Struts and other various tools
* Researched and troubleshot problems associated with the various application

**Fidelity Information Services – New Orleans, LA, Application Programmer II (May 2004 – Dec 2005)-80 percent development**

* Assisted with the disaster recovery of Hibernia National Bank after Hurricane Katrina.
* Designed and implemented various Web applications that were used by Hibernia Customers.
* LeasePro (Java, JSP, DHTML, DB2, SQL Server, AIX, WebSphere) - This application gave commercial customers online access to lease loans that were provided by the bank.
* TowerPay (Servlets, DHTML, DB2, AIX) - This application provided a secure logon and an integrated gateway between Hibernia (Capital One) National Bank and Check-Free.
* FX (J2EE, CGI, Servlets, JSP, Struts, DB2, DHTML, AIX, WebSphere) Provided the design and implementation Foreign Wire Exchange gateway using JSP and Servlets that interfaced with JP Morgan Chase via Java sockets, allowing users to receive live quotes and exchange currencies online. This application debited directly from the users Hibernia account.
* PDF Reporting - (JSP, DHTML, AIX) - Wrote utility that parsed specific customer reports generated by the mainframe and converted them to PDF Format.
* Wrote project estimates and timelines for various applications
* Assisted with the installation and configuration of WebSphere.

**University of New Orleans – New Orleans, LA, It Specialist/ Software Engineer (May 1999 – May 2004)**

* **Designed and implemented various applications for the college of engineering**
* S.E.A.S - Student Educational Online Advising System - (J2EE, JSP, Java Swing/GUI, SQL 2000, Oracle, and Dreamweaver) - This system provided students with an online map or path to graduation (Large system hosted on three servers).
* Prerequisite Checker - (JSP, Oracle, SQL 2000), Online utility that told professors which students were ineligible for his/her class. This program also notified the student that he/she was unable to take the class for that semester.
* Checklist System (Java, SQL 2000, Oracle) - This system provided a list of students ready for graduation.
* Transfer Credit Converter - (UNIX, JSP, Oracle, SQL 2000, and Servlets) - Assisted with transfer credit evaluations.
* Engineering Lite Scholarship Reporter- (Java Server, ASP.NET (client), SQL 2000, - An online program designed to find students who were qualified for certain scholarships provided by the college of Engineering.
* U.N.O Admissions application - (ASP, SQL 2000, Oracle) - Online Admissions Application. Trained users on application use.
* Grade Reporting Tool - (Cold Fusion MX) - A tool used to report grades to Students.
* Designed database schemas and stored procedures for software systems.
* Utilized abstract classes and interfaces to design create a flexible system architectures based on inheritance and polymorphism.
* Wrote and edited system requirements documents
* Worked on the online admissions application for the University of New Orleans.
* Hired and led the first team in four teams to deliver all the milestones required to complete a large online and custom software application project (SEAS).
* Train students, faculty and staff in the use of various Java stand-alone software applications.

**Part-time Independent Talend Consultant/Subcontractor (4-13 to present) 100% coding**

* Self-Trained in Talend via Talend course materials provided to me by an independent Talend partner
* Designed solutions that utilized Talend ESB, Talend Designer Engine and at least 30 of the EIP nodes.
* Implemented service solutions that connected to endpoints and routed the data various downstream services.
* Set up context, jobs, services, database connections etc. using Talend Designer
* Used Talend to implement various Enterprise Integration Patterns (hub and spoke, routing slip, message router, message endpoint, etc.)

**Part-time Independent Oracle SOA Consultant/Subcontractor (10-08 to present) 100% coding**

* Self-Trained Oracle SOA consultant providing offsite subcontract support (as needed) to clients
* Implement proxy and business services using various technologies and tools
* Strong understanding of the various OSB Nodes
* Deployed “sb.jar” deliverables to environments
* Configured databased schemas using rcu tools
* Set up custom oracle SOA domains

**References**: Available upon request