Ajay K. Shukla

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# EXPERIENCE SUMMARY

Results-oriented professional with over twenty years of experience in management, strategy and decision support consulting. Proven ability and effectiveness in managing and implementing numerous large-scale system development and integration projects in both the commercial and government market place. Trusted adviser to senior executives in the areas of Information Management, Service Oriented Architecture (SOA), Digital Strategy, Information Security, Cloud Computing and IT Governance. Proven track record with many successes in the areas of planning, quality assurance, design, project management and implementation of various information systems and IT solutions. He has deep knowledge and experience in the healthcare and public services domain.

# WORK EXPERIENCE

1. **Program Manager and Enterprise Architect, DHS CBP (Dec’16 to till date)**

Ajay is leading the revenue modernization program and acting as senior adviser to interface with other agencies like treasury pay.gov, ERP and to build the web and mobile applications. As an Architect for the revenue modernization program, he introduced the Agile Methodology and scrum of scrums. Solutions were built using the J2EE, Cordova, Node.js, Angular, Bootstrap, spring, Hibernate and Oracle.

He provided strategic architecture direction on the technologies related to mobile strategy, digital transaction and security for the multi-layer authentication infrastructure for the web and mobile applications.

1. **PMO Director, DC DHS (Jan’14 to Dec’16)**

Ajay led the DCAS Program to manage multiple work streams of project including the Architecture, Enterprise Data Management (EDM), Integration and Reports. Led the project managers for the work streams and managed the dependency and reporting to the CIO. Led the integration with local and federal partners using the local hub and Fed-Hub in multi-release and multi-year program to deliver the DC Access System (DCAS).

He worked with various groups in drafting the MOA/MOUs and integration guidelines. He used Oracle SOA Suite 11g, Informatica ETL for integration efforts with COTS package IBM Curam, MMIS. He worked on the compliance with Federal Information Security Management Act (FISMA), Federal Risk Authorization Management Program (FedRAMP) , National Institute of Standards and Technologies (NIST), and other relevant US policies, regulations, and standards. He also worked on the cloud architecture to plan to move the lower level environments to the AWS.

Identified risks and maintained the Program Level issue and risk matrix log that was reviewed with CIO on weekly basis. Collaborated with the team to develop the risk mitigation strategies and contingency plans for all identified Risks. Created the annual planning, estimates, and requested for grant budgets with FNS and CMS for the new and existing work for upcoming years.

He led the modernization of the Notices and Reports platform by leading the effort to select tool like HP Exstream, Tableau and Micro-strategy and laying out the data management framework for the reporting and business intelligence. He coordinates activities across numerous functional and technical teams for the District of Columbia's DC Access System (DCAS) and modernization of the Human services program like SNAP and TANF for the Nation's capital.

1. **Senior Manager, Deloitte Consulting LLP (May’09 to till Jan’14)**

Deloitte Digital practice lead for the projects in the areas of the integration, mobile, web, and digital content management. Also, managed the teams and initiatives on the mHealth, Health Analytics, HIT initiatives. He also worked on the compliance with Federal Information Security Management Act (FISMA), Federal Risk Authorization Management Program (FedRAMP), National Institute of Standards and Technologies (NIST), DoD SRG, and other relevant US policies, regulations, and standards.

PMO Lead for the ICD-10 opportunities for the healthcare payers and providers covering the health care claims processing, interacted with C-Level executives in putting together the road map for the ICD-10 Implementations. Managed the ICD-10 Program and managers from Finance, Revenue Cycle and IT to create the tool-set for the ICD-10 assessment and implementation.

Managed an integrated delivery team across all products and services including the Finance, IT and Revenue Cycle for the ICD-10 delivery. Created the budget and roadmap for the ICD-10 implementations.

Led the PMO in growing the practice from $5 million to $25 million in a year. Co-ordinated and created the tool-set for the ICD-10 assessment and implementation. Created and delivered the presentation for the C- level executives on the best practices and lessons learned from the ICD-10 projects.

Subject Matter Expert (SME) for the Program Management Office (PMO) support services contract for the VHA that is supporting the tasks related to Project Management, Lessons Learned, Business Process Workflow Evaluation and Reengineering, Communications/Stakeholder Support and Testing Activities related to the transition and implementation of the ICD-10.

Program Manager for the Requirements Development, Verification, and Validation Projects for the software development (ISDS) and Infrastructure (ITOS) projects at the IRMB (Information Resource management Branch) in NIGMS (National Institute of General Medicine and Sciences). Responsible for managing the task order and working with client and other teams to provide the Requirements analysis, Verification, and Validation services.

Strategic adviser in the Office of Director at NIH (National Institute of Health), Provided the strategic direction to the branch for portfolio analysis. Also, worked with vendors to evaluate and forge strategic alliances and develop tool laboratory.

1. **Manager, BearingPoint Inc (Feb’05 to May’09)**

Project Manager and Technical Architect for the IBM FileNet project implementation at the State agency. Managed the alliance relationship and interactions with client and subcontractors.

QA Manager for a large biomedical regulated client, Led the quality assurance and document reviews for the project deliverables. Managed all the instances for the release management and configuration management. Defined the taxonomy and document management roadmap.

Integration Lead on project that provided demonstration of cross-domain information sharing through federated identity management. Managed integration and configuration of MS SharePoint 2007 Portal Servers, along with HP Select Access and Select Federation products for the Identity Management.

Proposal manager for the Public Services, Enterprise Content Management Group, Responsible for working with Account Team in providing the Technical Solution help for the ECM Products and coordinating with Alliances for Documentum, FileNet and Stellent. Led the various proposal efforts in the range of $150M-$200M revenue, including the NE DMV Florida REAL, NYCHA and NY RealID. Also, led the proposals for the Oracle Federal Financial solutions for the public service clients.

Led the efforts to understand the Enterprise Content Management Needs for the agency wide Operations. Performed the comparative study of the ECM Tools FileNet and Stellent for the Content Management, Governance and Content based Workflow functionalities.

Led Incident Business Project to automate the incident related requirements using Service Oriented Architecture, Strut Framework for J2EE and webMethods. Provided Quality Assurance and testing strategy for the various streams of the project using CMMI methodology and Rational Test Manager. Led the EAI (Enterprise Application Integration) Tool Selection for the Enterprise wide middleware and integration tool.

1. **Senior Consultant, Cap Gemini (former Ernst & Young, CGEY) (Sep’00 to Jan’05)**

Led the integration of Siebel with the with the SAP and legacy systems. Defined the Service Oriented Architecture for the Customer Service Center (CSC) Solution of the Energy and Utility Company. Customer, Invoices, Sites and Assets records were brought to Siebel using Vitria as Middleware. Developed the Conceptual, Logical and Physical Architecture for the CSC Implementation.

Project Manager and Architect for the Customer Service Module, reviewed the Requirements and Usecases for the enhancements of the Leasing Solution for the top car manufacturing and leasing company. Managed the on-site and off-shore team for the Architecture, Design and Development in J2EE, WebLogic for CS Module.

Led the analysis, design, development and deployment for the Oracle Discoverer Performance Management and 360 View Reports integrated with Oracle CRM Sales Online, Sales Force Automation Module.

Project Manager for the design and development of Discounts Functionality in the IDC System, that has Integrated Order Entry (Cygent), Provisioning (MetaSolv) and Billing (Portal Infranet) Applications using VITRIA as middleware tool.

Project Lead and integration architect for the integration project using SOA for the Aviation B2B Marketplace. Involved in the EAI (Enterprise Application Integration) and B2B (Business to Business) Vendors Tool Selection and integration. EAI packages selected for POC (Proof of Concept) were Vitria, SeeBeyond, and WebMethods. Managed Team of developers and analysts for the Implementation.

Technical Lead for the design and development of WFA (Work Force Administration) and LMOS (Loop Maintenance Operations System) Access Modules of the eRepair project using Orbix middleware.

1. **Systems Analyst, Comsys Technical Services (Sep’97 to Aug’00)**
2. **Systems Executive, Larsen & Toubro Information Technology Ltd.(Jul’95 to Aug’97)**

# SOFTWARE TOOLS AND METHODOLOGIES

Architecture: FEA (Federal Enterprise Architect), Zachman

Methodology: Agile, Extreme Programming (XP), RUP (Rational Unified Process)

Tools: Rational RequisitePro, Rational Rose, Rational Architect, ClearCase, ClearQuest, SEERS, ERWin, IBM Rational Software Architect, Altassian JIRA, Version1

ERP: SAP, Seibel, Oracle Federal Financial, Oracle CRM, Peoplesoft, IBM Curam

EAI: Oracle SOA Suite 11g, Oracle Suite 12c, Vitria, WebMethods

ECM: Documentum, Sharepoint, MOSS, Oracle UCM, FileNet, Drupal

Business Intelligence/ Analytics: Cognos, BusinessObjects, OBIEE, Oracle Discoverer,

Xcelsius, SEMOSS, Tableau, MicroStrategy, Python, R, SQL, Matlab, Perl, Hadoop

Data Warehouse/ ETL: Oracle Data Warehouse Builder, Informatica ETL, MDM, Data Quality (IDQ)

MS Office: MS Word, Excel, Access, Visio, MS Project, PowerPoint

Programming Languages: C, C++, Shell, XML, HTML5, Java, J2EE, JSP

Operating Systems: Windows, Unix, Linux, NeXT, OSX

Infrastructure: VMWare ESX, LDAP, RSA Archer, Site Recovery Manager (SRM), Overlay Transport Virtualization (OTV), Splunk, Riverbed/OpNet

# PUBLICATIONS

* Agile in the Digital Projects
* Analytics and Visualization
* Semantic Search
* Big Data Opportunities in Federal space
* DHS - Electronic Records, Document and E-Mail Management System

# CERTIFICATIONS

* PMP (Project Management Professional) Certification
* CISSP (Certified Information Systems Security Professional) Certification
* Leadership program at Yale
* Documentum and FileNet Training Certifications
* VITRIA, webMethods and Microsoft BizTalk Certification for Solution Architect
* MatrixOne Product Data Management (PDM) Certification

# TRAININGS

* CGFM (Certified Government Financial Manager) internal training
* Oracle Federal Financial internal training

# ACADEMIC QUALIFICATION

* MBA, Smith School of Business, University of Maryland
* MS, Computer Science, George Mason University
* Certificate in Managing Software Development, Carnegie Mellon University
* B. Tech. in Computer Science & Engineering, HBTI
* Security Bootcamp at IBM