

Track Record

Job Assignments

May 2007 - Apr 2008	[1] Research and Technology, Research and Development Engineering: Senior Software Engineer R&D, Domain Situational Awareness Applications, Led & Coordinated Development of Demonstrator. Drafted and submitted patent application.
May 2007 - Dec 2008	[2] Interoperability Engineering: Technical Representative to the Multilateral Interoperability Programme, Domain Application Interoperability, Captured, analysed for impact, evaluated and communicated stakeholder requirements.
Oct 2007 - Dec 2007	[3] Geographic Information Systems Engineering: Analyst Geographic Information Application Component, Domain Commercial-off-the-shelf based systems. Led capture, analysis and evaluation of evaluation requirements to assess suitability of commercial off the shelf software products for intended use. Submitted results to architecture board for approval, proceeded with implementation.
Jan 2008 - Jul 2008	[4] Interoperability Engineering: Standards Architect Federated Information Systems, Domain Spatial Data Infrastructures. Team Member to capture, analysis and evaluation of architectural requirements to establish Technology Standards Architecture.
Aug 2008 - Dec 2008	[5] Security Engineering: Systems Analysis Information Security Requirements. Domain Enterprise Resource Planning Systems & Product Lifecycle Management Systems. Team Member to capture, analyse and evaluate both functional & non-functional requirements. Established and maintained architecture model.
Jan 2009 - Nov 2009	[6] Information Engineering: Requirements Engineer, Software Intensive Systems. Domain Application Platform Architecture, Defined and analysed requirements to process and display geographic information. Led team to establish and maintain application platform. Held workshops to estimate functional size & complexity. Held cost estimation workshops. Selected, defined and documented information system architectural reference model, including test and evaluation requirements. Elaborated Staff Training Needs. Outlined & detailed information system and application architecture. Handover of Architecture Statement of Work to Implementation Teams.
Dec 2009 - Jan 2010	[7] Concept Engineering: Technical Bid Manager. Domain Space-Borne Image Intelligence. Coordinated team of engineers to elaborate technical proposal to meet multinational customer's information requirements within federated system environments.
Jan 2010 - Dec 2010	[8] Domain Engineering: Management Consultant to Programme Management. Domain Emergency Response Systems. Elaborated options to decrease program risk. Then moved to Data Governance Team for monitoring definition of data entities and

quality attributes.

- Oct 2011 - Dec 2012 [9] Business Integration: Process Analyst, Integration of Engineering Process Assets from multiple Business Domains. Captured, evaluated and analysed requirements to integrate technical process assets to improve business interoperability. Established reference model, reviewed & integrated processes assets. Performed gap analysis.
- Jan 2010 - Aug 2014 [10] Acquisition Planning: Technical Manager, Elaboration of Supplier Selection Criteria. Definition & Application of Organisational Process Assets to implement Acquisition Strategy, Performed Gap Analysis. Established and Maintained Training Tactical Plan to implement Acquisition Strategy, Deployed process to implement Acquisition Strategy.
- Jan 2010 - Aug 2014 [11] Budgeting: Technical Manager, Elaboration of funding requirements needed to maintain, update and upgrade IT infrastructure. Support to capital budgeting process.
- Jan 2010 - Aug 2014 [12] Change Management: Technical Manager, Performed supplier agreement management to obtain products and services of suppliers; Identified process improvements to plan and implemented process actions within the domain of COTS Based Systems. Recorded, analysed for impact and made available supplier technical information to identified stakeholders. Tracked and followed through follow-up actions.
- Jan 2010 - Aug 2014 [13] Supplier Evaluation and Development: Technology Manager, Led Team to conduct multi-site evaluation of suppliers of both standard and non-standard software products & tools. Tasked evaluation team. Consolidated data, assessed results and prosed follow-up actions to board. Upon approval, planned and implemented, tracked follow-up actions throughout the extended enterprise w/ both supplier and team.
- Jan 2013 - Aug 2014 [14] Technical Auditing: Monitoring and Evaluation of Implementation Plan. Triggered process audits and ensured implementation of follow-up actions.
- Aug 2014 - Apr 2015 [15] Enterprise Wide Change: Definition of Work Breakdown Structure to facilitate formal implementation of Capability Maturity Model Integrated. Corporate Governance: Implementation of Benchmarking process to establish and maintain technical standards base providing coverage to ISO JTC1's scope & full IEEE scope, focus software intensive systems.
- Apr 2015 - Today [16] Business Integration: Capture as-built process and deployment architecture, capture infrastructure. Technical standards selection to facilitate definition of the architectural communication requirement target state. Technical standards selection to facilitate definition of the System and software assurance level target state. Technology product selection to facilitate definition of the architectural implementation requirement target state.

Certificates & Trainings

CMMI-DEV

SIX SIGMA

Enterprise Architecture Frameworks, NATO Architecture Framework v3

PMI Project Management

INCOSE System Engineering ASEP

COBIT

Standards

Excerpt

- ISO 12207 Software Engineering Lifecycle Processes
- ISO 15288 System Engineering Lifecycle Processes
- ISO 15504 Series: Information Technology - Process Assessment
- ISO 14598 Series - Information Technology - Software Product Evaluation
- IEEE 12205 - Standard for Application and Management of the Systems Engineering Process
- ANSI/EIA 632
- ISO/IEC 9126 Series: Software Engineering - Product Quality
- ISO/IEC 25000 Series: Software product Quality Requirements and Evaluation
- IEEE P1062 Software Acquisition
- ISO/IEC TR 10746 Information Technology - Guide to the POSIX Open System Environment
- ISO 191xx Series: Geographic Information

Technologies & Skills

Excerpt

- Software Acquisition Planning
- Process Analysis
- Process Integration
- Process Deployment
- Process Improvement
- Risk Management
- Project Management
- Change Management

Tools

Excerpt

- Microsoft Project
- Microsoft Office
- Sparx Enterprise Architect
- IBM Telelogic System Architect
- IBM Telelogic Doors
- Mathworks Matlab
- SAP LO-MM
- SAP LO-PUR

Awards & Patents

2008

Patent Application 2008-P-00922 EP