



Mentor and Practice Leader

Clifford Thompson

Areas of Practice

- IT Governance and Model Driven Development
- Senior Process & Enterprise Architecture
- Business Architect
- Senior Business Analyst
- Lead Requirements Analyst
- Senior Project Manager - Scrum, Agile, Traditional

Clifford is a strongly motivated professional with extensive experience in the financial, energy, and healthcare-life sciences community.

Clifford's major focus is on delivering projects involving services, semantic-web, business intelligence, AI techniques (rule-base, agents, KR, NLP), model-DSL driven work products. Methods used include agile (XP, FDD, Lean), Scrum, Unified Process, and RUP.

For Clifford each successfully delivered quality-based solution builds on: facilitating business and technology communication, building highly productive teams, defining appropriate technical solutions, and mitigating project and technology risk. His additional best practices include: addressing issues such as cost, system complexity, system efficiency, governance, security, privacy, and identity.

Major skills include:

- Modeling data, process, OO, complex events, BI, AI, and semantic-web views
- Building highly effective teams and implementing business and IT process change using tools such as RUP, Scrum, Agile (Lean, XP, and FDD), Unified Process, and CMMI
- Managing the gathering and translating of business requirements into architectural deliverables based on business and IT architectures such as SOA and TOGAF

Delivering business-driven SOA projects using semantic-web and other model and DSL driven approaches and tools .

Guidelines/IT Governance

COBIT, NCITPA (North Carolina Identity Theft Protection Act), Sarbanes-Oxley Act, HIPAA - Privacy and Security, Gramm-Leach-Bliley or GLB - Privacy, ISO 17799/27001/13335, Business Process Modeling Notation (BPMN), 21 CFR 11, HL7, ISO/IEC 11179, OASIS standards efforts: SOA, semantics, and security



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Tools and Techniques

Process-Methodologies: RUP, Agile (Scrum, FDD, Lean, and XP), Unified Process, UML, Model Driven Development, SOA, SysML, CMMI/EPIC, PMI PMBOK, and Business Process Management (BPM) including BPMN, BMM and BPEL

Architectures: SOA, POSA patterns, semantic web, SSME. SEI: ATAM/CBAM, TOGAF/ATM, MDA

Tools: IBM Rational suite tools, Websphere (WBI Modeler) scrum tools, Sparx Enterprise Architect, ErWin, Eclipse, Microsoft Project, COCOMO II, earned value project management, Microsoft Visio, CRC, JAD, AI tools, Python, Java, Lisp, SPARQL, SQ, Erlang, Haskell
Ontology, data mining, and analytic tools: Protégé, Jena2, Pellet, R, Weka, OWL. RDF, RDF(S), ODM (Ontology Definition Metamodel), OCL, model driven development MOF, XMI, petri nets, pi-calculus, event driven modeling.

Education

University of Illinois - BS, Business Administration

Active Certifications

Certified ScrumMaster, CIPP (Certified Information Privacy Professional)

Participating Member of:

Association for Computing Machinery (ACM), American Medical Informatics Association (AMIA), Healthcare Information and Management Systems Society (HIMSS), International Association of Software Architects (IASA), Institute for Electrical and Electronic Engineers (IEEE), International Association of Privacy Professionals (IAPP) International Council on Systems, Engineering (INCOSE), Information Systems Audit and Control Association (ISACA), Organization for the Advancement of Structured Information Standards (OASIS), Project Management Institute (PMI), Scrum Alliance 26-Jan-08