

## Résumé

Thomas Tharakan

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IT Architect specialising in Enterprise and Solution Architecture with expertise in Solution Design, IT Strategy, Architecture governance, Cloud design, strategy and cloud migration with extensive experience in Enterprise Application Integration.

### Academics

- Master of Business Administration (O.U.) 2015
- Problem Solving and Quality Improvement (O.U.) 2014
- Business Operations (O.U.) 2013
- Business Strategy (O.U.) 2011
- Post Graduate Certificate in Business Administration (O.U.) 2009
- Bachelor of Engineering (Computer Sc. and Engineering) (CSE) (1997-2001)

### Certifications

- Microsoft certified Azure Solutions Architect – Dec 2021
- BCS certified – Practitioner in Enterprise and Solution Architecture – Aug 2015
  - Certificate/Candidate Number 00190300/WA33036589
- TOGAF 9 Certified – Feb 2012
  - Certificate ID: 52088
- IBM Message Broker
  - Administration (Course Completion Certificate) 2009
  - Development (Course Completion Certificate) 2009
- IBM Data stage 9.1
  - Development (Course Completion Certificate) 2014
- C.C.N.A. (Cisco Certified Network Associate) (2001)
  - Percentage Achieved: 972/1000
- M.C.P. (Microsoft Certified Professional) (2001)
  - Percentage Achieved: 845/1000
- IQA Certified (Internal Quality Auditor) (2004)

### Technical Skill Sets

Cloud Technologies	Azure, AWS
Middleware	WebSphere Integration Broker, IBM MQ IBM Datapower Gateway API Connect WebMethods 8. xx, 7. xx, 6.xx, Tibco Business Connect, Business Works 5.1, Tibco RV, Tibco Administrator
Languages	Java, XML, JavaScript, HTML
Frameworks	J2EE, Struts
Concepts	Devops, Networking, Testing, ISO (Auditing)
Web Servers	IIS, Jakarta-Tomcat, IBM Web Sphere
Database	MS SQL Server 20XX, MySQL, MS Access, Oracle
Operating System	AIX, Unix, Linux, Windows
IDE	Textpad, NetBeans, Eclipse, VS
Devops Tools	Azure devops, Azure Pipelines, Octopus, GIT

**(Sep 2018 –Present) Solutions Architect with Schroders**

- Enterprise Architecture
- Lead Architect for Private Assets Domain
- Design Authority, Solutions Architecture and Integration Architecture
- Cloud Design and Migration

**Key Projects**

**Architecture Design and Governance**

Definition of current state, target state and Architecture roadmap for the Private Assets business for Schroders.

Design Authority Lead

Solution Architecture, Cloud Design and migration planning

Delivery management

**Cloud Data Store (Azure)**

Architecture design and implementation of centralised aggregated data stores for the different business lines in Azure with ADF flows for data acquisition and Management reporting via Power BI.

**Mergers and Acquisitions (M&A) Organizational Integration**

Design, implementation and delivery management of the migration and integration of the IT Tech stack and resources for all mergers and acquisitions within the PA Area.

**(Jun 2018 –Aug 2018) Enterprise Integration Architect with Close Brothers**

- Defining IT Enterprise Strategy.
- Enterprise Design Authority
- B2B and SOA Design Authority
- Line Management Responsibilities.

**(Nov 2013 – Jun 2018) Head of Integration Architecture with Domestic and General U.K.**

- Defining IT Enterprise Strategy.
- Enterprise Design Authority
- Solution Design for strategic B2B and B2C applications
- B2B and SOA Design Authority
- Line Management Responsibilities.

**Key Projects**

**Cloud Integration - Orbit (SaaS):**

Design and delivery responsibility for migration of the claims service to a SaaS solution as part of the services decoupling strategy. Responsible for selection, onboarding and integration of the service management platform for D&G. The system covers the entire service lifecycle for the service element for all D&G policies and is categorised critical service system. The design catered for the system to meet the business requirements and be put into production and work along with the current system in place and replace the existing system and processes in a phased manner over a period to reduce the service implementation risk to the organization. The design also catered for the integration with the different channels to streamline and consolidate the user journey across various platforms and vendors.

**Digital Architecture – (Sales Portal):**

Digital Solution/Application Architect responsible for the end-to-end Application Design & delivery of the Domestic & General Retailer portal. The portal enables D&G partners with the capability to quote and sell D&G products in a retail environment. The user journey is streamlined for a retail environment and configurable to suit varying business requirements. The system is designed to be multilingual and configurable to accommodate different regional and partner retail branding requirements. The design also complies with DPA and web security requirements and can be configured to accommodate any changes in legislation. The SOA based design caters for integration in any CRM system which abstracts any back-office systems changes from the users. The rollout of the multi-tenant system design has led to savings of over £200k in OPEX costs.

**API Gateway:**

Design and delivery responsibility for API management strategy across group D&G. Responsibilities involve the end-to-end design, delivery and deployment strategy for IBM Datapower Gateway and API Connect. The project delivered the capability for D&G to effectively manage and monetize APIs for consumption both within the group and to external clients and delivered the critical capability for D&G to be able to efficiently deliver on its integration strategy with IOT devices and monitor and apply required service constraints (SLAs) as agreed with the consumers.

**Enterprise Service Bus:**

Solution Architect responsible for the end-to-end Design & delivery of the Domestic & General enterprise service bus implementation based on the IBM Message Broker platform. Responsible for the design and delivery of ESB Architecture and framework that caters for centralized error management and standardized error reporting. Designed and delivered the logical data model-based service design created through business process mapping and defining a business entity model.

**(July 2013 –Nov2013) Enterprise Middleware Architect with Marks and Spencer (M&S)**

- Responsibility across the design and delivery of the Integration Team within M&S as a whole.
- Part of the design authority for M&S to align design and requirements across projects and applications.
- Manage SI and third-party suppliers and provide governance across all deliverables.
- Direct Line management of Design and development Team. (Team Size 10)

**(August 2011 –July 2013) Senior Consultant with Glue Reply UK**

- Enterprise & Solution Architecture engagements
- Responsible for Client Engagement and Delivery management.
- Direct Line management of Consultants and Junior Consultants including career progression and resource availability.

**Key Client Engagements**

**SOA Architect (AXA PPP):**

Manage the design and development of Integration solutions on the existing Integration platform and provide design support and enhancement towards stabilizing the environment.

**Integration Architect (Domestic and General UK):**

Analyse the current enterprise architecture and develop a capability reference model for the EA team. This would serve as the basis for linking Business capabilities to logical applications.

Design and develop the ESB for Application integration within Domestic and General. Implementation of Integration Architecture and Governance practices and setting up of the integration frameworks.

Technical Architect working as part of the overall Enterprise Architecture team to assess requirements and prove solution architecture capabilities for a number of integration projects running within Domestic and General.

Account management for all Glue Reply resources within Domestic and General. General responsibilities include managing resourcing pipelines, assessing new and existing project resource requirements and managing escalations.

**Solution Architect (Vodafone UK):**

Analyse the current enterprise architecture and develop an Application Integration asset library linking into the Enterprise Architecture library. This would enable boundary less communication within the business and multiple associated benefits.

Design metadata for the SharePoint implementation of the asset library and associated artefacts and guide development of use cases and user manuals.

**Integration Architect (Debenhams UK):**

Manage, design and deliver a high-profile Integration project for Debenhams.

Gathering information through discussions with architects from different teams and managing an SI as part of the delivery.

Solution Design for Integration projects within Debenhams

**Integration Architect (AXA UK):**

Manage, design and deliver Integration solutions.

Gathering information through meetings and deliver on WebMethods 8 Platform.

**Application Integration Lead (GAME UK):**

Solution Architecture and development for the ESB components at Game.

Ownership of the ESB landscape and providing support to the business and other technical teams in regards to integration.

### **(September 2007 – July 2011) Integration Lead with HAYS UK**

- In charge of design, development and support of the Integration Platform at Hays and EAI Lead for 2 integration teams (WebMethods (BAU) and IBM Message Broker).
- Key Technologies used IBM WebSphere Message Broker 6.0, MQ, Tumbleweed, Tivoli, Oracle, PeopleSoft, WebMethods 7.1, 6.5, Modeller, SQL, Oracle, MQ, JDE Integration (DB2)

#### **Key Deliverables:**

- Design and development of interfaces/WebService/message flows in message broker.
- Responsible for maintaining any new requirements for the production system and migrating legacy system services onto the new environment.
- Requirements capture, defect resolution and design for the production environment.
- Environment setup & deployment and maintenance.
- Code versioning, maintenance and deployment of code.
- Responsibility for maintaining and supporting the environment (production and test). This includes any new development defect resolution and environment maintenance.

### **(May 2005-Sep 2007) Project Leader at NTT Data**

- Project Lead
- Design, Development and App support

#### **Key Client Engagements:**

##### **Orange WebMethods**

Design and Development of Webmethods Packages and Processes over the existing architecture.

### **(April 2004–May 2005) Systems Engineer with TCS (Tata Consultancy Services)**

#### **Key Projects:**

##### **Enterprise Application Integration (EAI):**

- |                         |   |
|-------------------------|---|
| <b>Technologies</b>     | : Tibco Business Connect, Business Works,   |
| <b>Duration</b>         | : 1 Year  |
| <b>Responsibilities</b> | : EAI Consultant, Design of IM and BW processes, CTF and Interface implementation in BC |

##### **Application Tracking**

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|-----------------|--|
| <b>Platform</b> | : Struts, Java Beans, Jsp, XML, Java Script, JDBC                |
| <b>Role</b>     | : Interface design, System design, Development, Software Coding. |

### **(December 2002 –April 2004) Analyst Programmer for Dimensions Cybertech**

- Design & Coding of Java Beans, Jsp Pages, JS for Validation.
- VB Form Level Design & Coding.
- Unit Level Testing Using Rational Purify, Pure Coverage & Quantify
- Developing Rational Robot Scripts for GUI Testing and Load Testing.
- Thorough knowledge of SDLC.

### **(August 2001 - 2002 November) Software Engineer for Grentel India Limited**

- Programming Interfaces (Front End GUI) using RS232 (MSCOMM) port communication with Embedded controllers. (VB/VC)
- Programming 8-bit PIC Micro controller (Microchip)
- Assembly Language and Cross Compiler (Hitech -C) MPLAB IDE for PIC Micro controllers.

**Personal Info**

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Citizenship	British