




SINU THOMAS

ENTERPRISE/SOLUTION ARCHITECT




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EDUCATION

MASTER OF COMPUTER APPLICATIONS (DOEACC B LEVEL)

Centre for Electronics Design and
Technology, Calicut, India - 2000

BSc MATHEMATICS

St. Stephens College, Uzhavoor, India - 1996

CERTIFICATIONS

AWS CERTIFIED SOLUTION ARCHITECT ASSOCIATE (Score-85%)



TOGAF 9



IBM SOA FUNDAMENTALS



SKILLS

Solution/Enterprise Architecture

Cloud Infrastructure (AWS)

Microservices (REST), SOA (SOAP)

Architecture Governance

Architecture Modeling (UML, ERD)

Agile, RUP, Waterfall

Financial Services (Banking, Insurance, Reinsurance)

Java/J2EE

Data Integration (ETL, SOA)

Containerisation (Docker, Kubernetes)

Database Design

Architecture Strategy, Roadmap

Cloud Migration

Digital Transformation

CRM (MS Dynamics 365)

PROFILE

Enterprise/Solution architect with **20 years of experience** in the IT industry out of which **11 years in the financial sector**. Extensive experience in architecture delivery in **Agile, Waterfall and RUP delivery models**. Technology focused with **solid background in development**. **Certified in cloud technologies (AWS)**. Experienced in **stakeholder management**, business requirement analysis, architecture strategy, roadmap, risk assessment and governance. Significant exposure to **global delivery model** with multiple delivery partners. 6 years' experience in **digital transformation** programmes. Worked in **banking (retail, commercial), general insurance, reinsurance and defence domains**

EXPERIENCE

LEAD SOLUTION/ENTERPRISE ARCHITECT

Lloyds Banking Group | London | 2012 August – 2018 February,
2018 August -2019 June

- Worked as the Solution Architect for **OpenBanking Programme**. This project involved implementation of OpenBanking API specification as **MicroServices**. As the solution architect I was responsible for working with the Open Banking Implementation Authority (the regulatory body) and various internal business stakeholders and product owners to understand the requirements and come up with the architectural solution. I was also responsible for working with the development team to ensure that the team understands the architecture and adhere to the design and standards
- Responsible for **architecture governance and stakeholder management**
- Worked as the Enterprise Architect responsible for defining the **CRM strategy** for Commercial Banking. This involved working with various stakeholders (Relationship Managers, Operations, Product Owner, MicroSoft) in assessing the current issues with MS Dynamics 2013 implementation and the future vision for the product and how to address it with the latest version of the product stack (**MS Dynamics 365**)
- Worked on the **cloud migration strategy** for the digital banking applications
- Worked as Lead Architect for a **digital transformation** programme to migrate a web application from 3rd party vendor to in-house solution using web technologies and MicroServices. **Managed a team of five architects**. This project helped the bank to reduce the overall running cost and data risk with the 3rd party vendor
- Responsible for architecting shared MicroServices for customer identity verification (Document verification, Face Match and Bureau check) which enabled online account opening frictionless and thereby reducing the dropout rate
- Played the role of a mentor** within the Enterprise Architecture design process, methods and tools team. I was responsible for implementing the **Rational Unified Process** for architecture design, mentor the architects in the process, tools and governance

TECHNOLOGY

ARCHITECTURE/MODELING

RSA, RTC, RRC, Sparx Enterprise Architect,
Trous, Rational Rose, Infosphere Data
Architect, ERWin

CLOUD/CONTAINERISATION

AWS, Docker, Kubernetes

FRAMEWORKS

Spring, Spring Boot, Spring Batch, Struts,
Portal, Hibernate, EJB, Portlet, OAuth 2.0,
OpenID Connect, Swagger, React, Angular,
iText

DEVOPS

Maven, Hudson, Git, Gerrit, Jenkins, Sonar

MIDDLEWARE

WebSphere Application Server, WebSphere
Portal Server, JBoss, WebLogic,
WebSphere MQ, DataStage, Pega, TomCat

DATABASES

Oracle, MS SQL Server, IBM DB2, MS
Access, MySQL, PostgreSQL

MODELING

UML, Logical and Physical Data Modeling,
Topology Modeling Language
(Infrastructure Modeling)

TESTING

Junit, JMock, DBMock

PERFORMANCE TESTING/MONITORING

Wily Introscope, JProfiler, JMeter, Tivoli,
IBM Support Manager

OTHER CLIENTS

Toyota Kirloskar Motors, Bangalore, India
Orange Telecom – Bristol, UK
Gulf Organisation for Industrial Consulting
(GOIC), Doha, Qatar
Defense Research and Development
Organisation, Bangalore, India

OTHER EMPLOYERS

TORRY HARRIS BUSINESS SOLUTIONS

Technical Architect | 2005 Aug -2010
May

MINDTREE CONSULTING

Technical Architect | 2003 Nov -2005
Aug

EXIMSOFT TECHNOLOGIES

Associate Technical Architect | 2000
Oct -2010 May

CASE CONSULT INDIA

Solution Designer, Developer | 2000 Jan
-2000 Oct

EXPERIENCE

SOLUTION ARCHITECT, TECHNICAL PROJECT MANAGER

AIG | London | 2010 November – 2012 July

- Played the role of Solution Architect in a global finance transformation programme to implement SAP Finance and Reinsurance modules.
- Responsible for **host systems (Policy and Claims) integration and data migration** team.
- The programme involved changes to legacy systems, real-time integration (**SOAP services**), data integration and migration through **ETL** (Infosphere DataStage)
- At later stage I was given the responsibility of **managing the delivery team** which involved multiple vendors and 35 resources located in three geographical locations
- I was responsible for solution, data, infrastructure and security architectures
- Responsible for **data modeling**, review of data mapping and solution design
- Involved in **architecture governance and stakeholder management**

TECHNICAL ARCHITECT

TNT Express ICS | Derby | 2010 July – 2012 October

- Act as gate keeper for TNT to ensure the quality of deliverables from the outsourcing partners
- **Logical and Physical Data Modeling**
- **Analysis of performance bottlenecks** using IBM Support Assistant (ISA) and Wily Introscope and propose resolutions
- Design of change requests
- Setting up build and deployment process and **continuous integration** with Maven, Hudson and Sonar

TECHNICAL ARCHITECT, ONSITE COORDINATOR, BUSINESS ANALYST

Atradius Credit Insurance | Cardiff | 2010 July – 2012 October

- This project was to implement a complete **Reinsurance** solution (Treaty management, Reinsurance Calculation Engine) from scratch using Java/JEE/SpringBatch technologies
- I was responsible for defining the end to end solution and technical architecture
- Worked with the offshore delivery team (35 people) to ensure that they understand the requirements and design and they deliver the solution as per the specification with adequate quality
- I was given additional responsibility of **business analyst** which involved direct interaction with the business to understand their existing process and business requirements and derive system requirements and document them in such a way that it is understandable for both the business and technical teams
- Devised the data and system remediation strategy and data ingestion approach
- **Developed algorithms to implement complex calculations**

ACHIEVEMENTS

- Won the "**Best Design Architect**" award for the year 2002 by EximSoft Technologies
- Selected as the runner-up for the "**Employee of the month 2003 January**" award, by EximSoft Technologies for the contribution to various projects executed during that period.
- The A Level course project had been selected as **one of the best four course projects in India**, for the year 1998 by DOEACC society