**Anbazhagan Kanniyappan Solutions Architect | Curriculum Vitae**

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**Profile**

I am an energetic Solutions Architect with over 17 years of enriched IT experience possessing proven ability to amalgamate IT Solutioning and Business. Expertise in Digital Transformation, Cloud Native, PCF, AWS Ecosystem, GCP, Azure, Microservices, DevOps Culture, TIBCO Suite of Products, Multi Stakeholder Management and Greenfield Projects Architecting

**Expertise**



**Digital Transformation:**

Monolith to REST API Driven Microservice Architecture

Physical to Cloud Native Architecture

Oracle to Open Source MariaDB Migration

AWS - Vendor Engagement, Product Evaluation, Capacity Sizing/Costing, Cost Optimized – Product selection/Ops Environment/Pricing Model , Stakeholder Business Case, Provisioning & Process Governance, CI/CD, Viz Governance

**AWS Ecosystem Expertise:**

Public Cloud POC, Landing Zone, VPC, Direct Connect, CDN/Edge Location, ELB, EC2 Auto Scaling, EBS, RDS, Elasticache, Serverless-Lambda/SQS/SNS, WAF/NACL/SG Routing, Route 53-DNS, S3 Storage, ECS/EKS, EMR, Redshift, IAM-AD/SSO/SAML/Cognito, IaC-Cloud Formation/JSON/YAML, IoT-Core /Events, TCO-TSO Logic, CloudWatch, CloudTrail

**Cloud Architecture:**

Pivotal Cloud Foundry PaaS/Private Cloud

AWS/Public Cloud

On Prem & Hybrid Cloud Architecture

**Cloud Native / Continuous Delivery / Visualization / Analytics:**

Cloud Foundry - CLI, AWS CLI, GCP –SDK/Compute Engine/Cloud Storage/ Cloud CDN/Cloud SQL/ GKE, Azure -ARM/ SDK/ VM/CDN/ ALB, Dockers-Containerization, CF BOSH, CPI, Kubernetes, SaC-Ansible, IaC-Terraform, HCL, Python/boto3, React JS, Node JS, JavaScript, Git/Bitbucket, CI/CD-Jenkins, Jira, Maven, Nexus, SonarQube, Concourse, Kafka, OAuth, OpenID, SSL, KMS, API Management, Splunk, Elastic Search, Logstash, Kibana, Grafana, Prometheus, SRE, CloudHealth

**Systems Architecture / Strategy:**

Cloud/Data Migration Strategy, SOA/Multi-Tier Architecture, EAI/MVC Framework, SOAP, BPM, CEP, ESB, Event Driven, Pub/Sub, Stream, Service Mesh, TOGAF, UML, BPMN, Integration Design Patterns, Technical Document Authoring, RFP, Governance, Technical Roadmaps, Scalable-Cost Effective-Resilient-Performant-Secured Architecture Proposals, Global Data Compliant Architecture

**Roles Played**



* **Digital Transformation Architect**
* **Solutions Architect**
* **SOA Architect**
* **Technical Architect**
* **Developer**

**Work Profile**



* **DBS Bank Limited | Singapore**
* **TALKTALK Group Plc | UK**
* **British Airways Plc | UK**
* **The Nielsen Company | UK**
* **H&R Block Services Inc | USA**
* **Citicorp Credit Services Inc | USA**
* **AC Nielsen Media Research | USA**
* **Hutchison Australia Limited | Australia**
* **Hutchison 3G UK Limited | UK**
* **Qwest Communications International Inc | USA**

**Recent Assignment | Highlights**



**Solutions Architect | Digital Transformation Architect |**

**DBS Bank Limited | Singapore**

Credit and Risk Management | JUL 2015 - FEB 2020

Spearheaded the Strategic CTO Digital Transformation programme | Apps generating greater than 23 million SGD in revenue

Architecting Strategic AWS Transformation for 20 major Systems of Risk Portfolio for the Credit Architecture

My Product selection matrix has attributed 35% cost saving on Month on Month Billing of AWS Cloud over OnPrem

Piloted the massive Private Cloud PCF Transformation which was achieved within 75% of scheduled time along with Maria DB migration

Architected the Compliance critical Risk Portfolios Hybrid Cloud Architecture driven by OnPrem, Private and Public Cloud Security Models for In-Transit and Rest Workloads

Creator of DBS Open Source Shared Platform resulting in a reduced upfront TCO by 50% with reduced large scale recurring cost

Rendered an E2E stable TOGAF ADM driven Architecture model | Architecture Vision, Scope, Architecture Principles, Phase Artefacts, Migration and Governance in an Agile fashion

Multi Stakeholder Management across Business and Technical Board over various Geographies and Operating Models

Managed the E2E Release Engineering through CI/CD practice for the DBS Risk Portfolios Hybrid Cloud Architecture

Designed a successful ChatBot based Brainstorming model driven by On Demand video content | Architecture Models | PCF-Private Cloud | AWS-Public Cloud Technology Stack

**Technology Forte**



* **TIBCO Suite of Products**
  + AMX Business Works | SOA
  + Business Events | CEP
  + Adapter | B2B Integration
  + Business Studio/Designer
  + Hawk | Governance
  + iProcess Suite | BPM
  + EMS/RV | Messaging
* **Java/Web Technologies**

Java/JEE, JavaScript, JSP, Java Servlets, EJB, AJAX, SNMP, JXL, Hibernate, Spring Boot, Weblogic Application Server, Apache Tomcat

* **Backend**

MS SQL Server, Oracle, Maria DB, NoSQL Cassandra

* **Project Management**

Stakeholder Management, Change Management, Agile and Waterfall methodologies, Jira

* **Languages/Tools/IDE**

C, C++, VC++, HTML, XML, XSD, XPATH, XSLT, Castor, Test Director, Remedy, HP QC, R22, EMM, Sharepoint, Powershell, Eclipse, IBM RAD, Bash Shell Scripting, Postman, JMeter

* **Platform Technologies**

UNIX, Sun Solaris, Linux, Windows, VM Virtualization, Hypervisor, Dockers, Containerization, NFS, F5 Load Balancer, Reverse Proxy

* **SCM/Version Control**

Clear Case, CVS, Star Team, Merant Dimensions, MS-VSS, Perforce, SVN, GITLAB, Bitbucket

* **Domain**

Telecommunications-BSS/OSS, Travel, Retail, Banking

**Career Profile**



Optimum Solutions – DBS Bank Limited | Jul 2015 – Feb 2020

TATA Consultancy Services | Technical Architect | Dec 2004 – Jun 2015

Teamware Solutions - TCS | TIBCO-Developer | May 2004 – Dec 2004

Palpap Ichinichi Software Intl Ltd | Developer | May 2002 – May 2004

**Certifications**



SCJP | 28 FEB 2006

Brain Bench in Java 2 Fundamentals | 15 NOV 2005

Brain Bench in Java-EJB | 7 OCT 2004

**Educational Profile**



Bachelor of Technology | Information Technology

St’Peters Engineering College | University Of Madras

Chennai | May-2002

**Recent Assignment Responsibilities**



DBS Bank Limited | Credit and Risk Management

Collaborate as Team Enterprise Architecture Board on Transformation, Business & Technology Roadmap, Process, Quality and Visualization Governance

Architect driving Digital Transformation programme of Monolith to Microservices over API driven Springboot REST framework, Physical to Hybrid Cloud with Private Cloud over PCF PaaS hosted On Premise VM & Public Cloud over AWS and traditional Oracle to MariaDB

AWS Transformation through Vendor Engagement, Product Evaluation, Capacity Sizing/Costing, Provisioning & Process Governance, TCO – TSO Logic Matrix, CI/CD, Landing Zone, DB Migration – SCT and DMS, Viz Governance

Managing projects through Dev Ops & CI/CD practice, Managing & Mentoring cut across SDLC on the Co-Existing ecology of Monolith and Cloud native

Has rendered NFR bound Architecture on SLA, Latency, RTO, RPO, HA, DR, Scheduled Back Up and Retention, Core Banking/TWS Batch Scheduling, Data Mart and Compliance reporting

Has proposed solutions for Oracle and MariaDB on Table space/Re-Org, Capacity evaluation and sizing, Procurement, Schema and Data migration, Performance tuning

Provided Solution to Ops for automation, Monitoring over Splunk and Visualization over Grafana

Architecting Global Data Compliant Architecture abiding Hong Kong Monetary Authority, Reserve Bank of India and Monetary Authority of Singapore

Represent Credit & Risk Management Solutioning in Business Requirement and Solution Design Workshops as Solutions SME

Collaborate with Business for Deliverable prioritization on Book of Work alongside the Tech Roadmap, Proposing and Piloting projects on co-existing ecology of Waterfall, Agile methodologies

Solutioning and Implementing Frameworks, Integration Design patterns along with coding standards and Best practices combining both Monolith and Microservices over Physical and Cloud Architecture

Mentoring/Collaborating the Architects on Business, Application, Data, Technology, Transformation and Governance