KARTHIKEYAN C (KC)

Core banking Solutions & Technology Lead (Cloud Architect)   **(65) 97843556**
Infosys Limited (*13.5 Years*)   **karthik1113job@gmail.com**

PROFILE

Established player in Technical Architectures (**Information Systems and Technology**). Highly experienced professional in **Core banking** product design and delivery. Proficient in architecting **containerized** applications and its ecosystem. Driving strategic goals to efficient transformation programs. Expert in building **Cloud native applications**. Held Decisive positions and influenced the portfolio and enterprise towards innovation with effectiveness. Key stakeholder in Implementations that step into hybrid cloud.

SYNOPSIS

❏ Over **13.5 Years** experience in **Finacle** core banking design, solution and implementation.

❏ Over **6 Years** of customer handling and delivery experience in singapore for **DBS Bank Ltd, SIFL and Bank Of America-Merrill Lynch**.

❏ **TOGAF Certified Enterprise Architect**, playing the role of technical architect & solutions.

❏ **AWS certified solutions architect - professional**, holding experience of hosting robust finacle core banking solutions on cloud as micro services and its complete ecosystems.

❏ **CNCF certified kubernetes administrator - expert** in micro services design and first ever cloud based banking deployment for **DBS** on hybrid cloud.

❏ Core banking application design. The modern day fitment engineers to on-prem, cloud and hybrid cloud.

❏ Proficiency in building containerized applications. Expert contributor to **Docker** and **Kubernetes**.

❏ Micro services design and Legacy systems re-architecting. Architect of singapore core banking **micro services platform for DBS**.

❏ Management and Delivery of end to end banking projects on technical grounds and associated risks.

❏ Hardcore programmer in Languages C, C++, Java, Javascripts & python

❏ Architecture Evaluations & Consulting. Stakeholder Management and Decisions.

❏ Business requirement analysis , Subsequent system fitment study, identifies the gap and provides solutions. Solutions that identify the right system candidate for interfacing.

PROFESSIONAL EXPERIENCE SNAPSHOT

Consulting and solutioning are the day to day activity on various technology related discussions. Engaging architects and stakeholders from DBS internally and solving both enterprise level and unit level technology roadmap related items in finacle. Actively participating in other platform and technology providers to DBS to fulfil product requirements.

Handling the project team to drive solutions, Deriving best practices, Core review, POC & Demonstration to stakeholders, delivery and team management.

❏ Technology Architect & Solution consultant for **DBS Bank Ltd**   **Infosys Limited – July 2014 onwards**

❏ Technology Project Lead.   **Infosys Limited – May 2012 to Jun 2014**

❏ Product delivery lead at **CFS, Manchester**   **Infosys Limited** – Jun 2010 to May 2012

❏ Software Engineer through Technology Analyst   **Infosys Limited – Jan 2007 to May 2010**

EDUCATION

Bachelor of Engineering in **Electronics and communication.** (First class honors)

Anna University, Chennai, India.

TECHNICAL SKILL

❏ Hardcore **C, C++** developer. Continuing **JAVA, JS**, few **Python**.

❏ Proficiency in container related technologies **Docker & Kubernetes**.

❏ Day in Day out with platforms **Openshift, EKS and its ecosystem.**

❏ Expert in **Core banking** System design and its integrations.

❏ Architecture solutions in **AWS**.

CERTIFICATIONS

❏ **TOGAF Certified Enterprise Architect.**

❏ **AWS Certified Solutions architect - Professional.**

❏ **CNCF Certified Kubernetes administrator.**

RECOGNITIONS

❏ **Infosys GEM** Awards 2012 for Finacle batch processing innovations

❏ **Infosys GEM** Awards 2009 for Emirates NBD finacle v10.4 delivery.

❏ **Infosys Excellence** Awards 2011 for CFS solution delivery.

PROFESSIONAL EXPERIENCE

Technology Architect & Solution consultant **(DBS Bank Ltd)**:

- ❏ Joined in 2014 in a milestone project for retail & corporate payment solutions. It was ground up designed in order to handle high volume , low latency expectations set by DBS. It evolved to the next version in 2017 under my guidance.

- ❏ Liquidity management of Cash management products was designed considering the explicit technology stack requirement by DBS to replace proprietary Oracle by postgres, Unix with linux and Websphere with JBOSS. It was the first ever implementation of finacle in a linux environment. Was responsible to deliver it end to end.

- ❏ DBS being the trend setter in the banking industry came up with the requirement of containerizing the core banking application. It was taken up by my team of 5 people. We have done enormous study on containerization for banking, which was a quite new concept then and the adoption to the secure banking industry was a challenging task.

- ❏ The first ever containerized solution of finacle was delivered by me to DBS in late 2019 with openshift (kubernetes platform), Docker runtime, EFK stack, Istio service mesh, fluent based logging, monitoring and proactive monitoring, alert solutions.

- ❏ The containerized solution has been hosted in AWS as part of the cost cutting requirement by DBS. The staging and testing would happen in AWS with dynamic workloads and production at on-prem, making the first ever hybrid deployment of a robust core banking solution.

- ❏ The first ever AWS cloud deployment of traditional Finacle v10.2 was successfully completed by my team in early 2019. This was a replatform of an existing stack for the benefit of reducing infrastructure cost.

Technology Project Lead **(DFS, ENBD)**:

- ❏ Finacle Core banking implementation to Discover financial services, United states. The banking of DFS is completely different as it is not a branch bank having a single branch. It was a API-driven approach.

- ❏ ENBD-Dubai for v10.4 support of interfaces design and delivery.

- ❏ Innovative EOD Batch framework solution and delivery.

Product Delivery Lead **(CFS - UK)**:

- ❏ Finacle Core banking implementation to CFS, UK. Headed the payment systems interfaces, design and delivery.

- ❏ Multi-country hosting of a single application instance was designed by me for CFS and subsequently made available in next releases.

- ❏ Engaging the on-site team with offshore development team for status, coordination, end to end delivery responsibility.

<u>Software Engineer through Technology Analyst</u> **(Development centre, Infosys - India)**:

- ❏ Started as a software developer in native C language and C++.

- ❏ Played a role of dev-ops lead, build automation systems, patching systems.

- ❏ Acquired extensive knowledge on Javascripts, Python, Java.

PRE-SALES EXPERIENCE

In addition to regular finacle core product implementation, as an architect of finacle to pre-sales,

- ❏ **Bank of America Merrill Lynch:** As solution architect represented the team of product and implementation for Bank of America Merrill lynch (BAML) and successfully won the deal for 16 country implementations of all modules of core banking.

- ❏ **DBS Paylah Wallet:** Architect for wallet solution under the brand of finacle. Executed 10 weeks of product alignment activities to finacle w.r.to specific wallet related gaps. Results awaited.

- ❏ **SIFL Singapore:** As technical solution architect demonstrated the on-prem capabilities of the banking product and won the deal and it is nearing the completion of the project.

SUMMARY

- ❏ Technical architect for complete design of **Docker and Kubernetes** based core banking applications of the first ever implementation of DBS.

- ❏ Highly skilled **CORE Banking** System Architect with 13.5 years of experience in the IT/Banking including **6 years** of Singapore experience and 2 years of Europe region.

- ❏ **Stability & Performance** improvement Anchor. Technical Solution Consultant of core banking system and its bank wide interfaces.

- ❏ Delivered more than **100 projects to DBS Bank Ltd** as consultant and delivery lead with complete end to end responsibility till customer onboarding.

- ❏ Enormous experience in Project Management caliber to drive the project efficiently by providing both **business & technical solutions, efforts sizing** and technical and design specifications for business initiatives and ensure the smooth operational rollout of projects.

- ❏ Strong technical expertise as worked in both Product development & Implementation stages.

- ❏ Well experienced professional in engaging different technology partners and regulatory bodies as part o project Implementation and Support.

- ❏ Excellent problem-solving skills with strong Technical background & good interpersonal skills.

- ❏ Experienced in **managing large & multi-vendor** project implementation.