Rajkamal Pillai

Software Architect

AECS Layout, Bengaluru, Karnataka.

jarkalam@gmail.com
Rajkamal_r@techie.com
+91 96200 06662

❖ **Bachelor of Technology (CS)**
Cochin University of Science and Technology (CUSAT), Kerala.

❖ **E-Commerce**
Electronics Research and Development Centre of India (ER&DC), Kerala.

Platforms: JEE/Java.
Cloud Platforms: GCP, AWS, Ariba (private cloud).
Frameworks: Docker, Kubernetes, Spring, Hibernate, Kafka, ActiveMQ, AJAX (ExtJS, DOJO, DHTMLX, Ajax tags), Struts, BTT, Drools, Dozer, Jasper, BIRT.
Database: Google Spanner, HANA, MongoDB, Oracle, DB2, SQL Server, MySQL.
Test: Selenium, JBehave, JUnit.
Build tools: Jenkins, Maven, Gradle, Ant.

➢ **Software Architect** with **22 years** of experience across analysis, estimation, architecture, planning, design and development of business objectives with notable success.
➢ Established IT strategy and plans consistent with business objectives and priorities on **Security, BFSI, Warranty, SCM, ERP, Travel, e-Commerce, and e-Learning** domains.
➢ Architected integration of Enterprise security products facilitating better detection and response capabilities.
➢ Architected **cloud migration** for existing Sabre mainframe systems to GCP instances.
➢ Architected changes to Kohl's Account Management microservices to facilitate third party authentication.
➢ Architected and built data migration framework to migrate data from OnPrem sources (MongoDB and MySQL) to GCP (**Google Cloud Spanner**).
➢ Architected, designed and developed **Ariba Network** (private cloud application) to facilitate **Enterprise B2B Procurement**.
➢ **Expert** on **microservice migration** and **application modernization** - Migrated multiple monolith On-Premises and SOA applications to Microservices architecture.
➢ Implemented **Security, SSO** and **IAM** using **OAuth 2** and **OpenID Connect**.
➢ Automated **CI/CD** pipelines using **Maven**, **Perforce** and **Jenkins** for program deliverables reducing implementation costs and cycle time by over 50% for solution delivery.
➢ Interfaced with business units as a subject matter expert (**SME**) for issue resolution including remediation and mitigation.
➢ Re-engineered applications and executed **POT**, **POC**, **code optimization** and **performance tuning** across presentation, process, and service layers.
➢ Monitored and tuned application performance Management (**APM**) in coordination with stakeholders.

Professional Experience

❖ **Software Architect**
Oct 2021- Till date
Trellix, Bengaluru (formerly McAfee Enterprise)

▪ Threat Intelligence Exchange (TIE)
Team Size: 19
- Trellix evolved from the merger of McAfee Enterprise and FireEye, leaders in security solutions for enterprises. Trellix security experts, along with extensive partner ecosystem, accelerate technology innovation through machine learning and automation to empower over 40,000 business and government customers.
- Architected integration of TIE (Threat Intelligence Exchange) and DXL (Data eXchange Layer) with DOD (Detection On Demand) and MVX (Multi-Vector Virtual Execution).
- TIE maintains file and certificate reputations, passes this information to different Endpoints on the DXL fabric that allows creation of policies for blocking and allowing.

❖ **Senior Architect**
Mar 2017 – Oct 2021
Mondo Fusion LLP.

▪ Sabre GDS modernization (Cloud migration)
Team Size: 16
- Sabre, one of the four largest GDS (Global Distribution System), has evolved into a broad technology platform that manages more than $260B worth of

Reactive Architecture – Domain Driven Design
Lightbend (IBM)

Reactive Architecture – Reactive Microservices
Lightbend (IBM)

Training

Attended:

Data Platform - Data Platform Summit @ Microsoft Technologies, Bengaluru.

Train the trainer - Shiksha Planet @ Tavant Technologies, Bengaluru.

Conducted:

Multiple sessions on **Microservices Architecture**, **Enterprise Security**, **Authentication Standards**, **Spring Framework** etc.
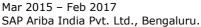
---

global travel spend annually, supporting a wide range of travel providers, such as individual airlines, hoteliers, agencies, travel aggregators, and more.
- Architected, designed and implemented microservices modernization of legacy mainframe applications**.**
- The application conforms to hexagonal architecture using adapters to interface with the core business services implemented as Microservices and exposed as RESTful endpoints.

▪ Kohl's Ecommerce platform
Team Size: 20
- Kohl's, an American department store retail chain, is the largest department store chain in the United States, with 1,158 locations, operating stores in every U.S. state.
- Architected Kohl's commerce services on Microservices architecture that reduce complexity and increases both flexibility and speed for omni channel brands and retailers.
- Built data migration platform to migrate On-Prem data sources (MySQL, Mongo DB) to NewSQL implementation (GCP Cloud Spanner).
- Architected, designed and implemented platform level modifications to Account Management Microservices to facilitate third party authorization using Google API.

❖ **Senior Consultant Engineer**
Mar 2015 – Feb 2017
SAP Ariba India Pvt. Ltd., Bengaluru.

SAP Ariba

▪ Ariba Network
Team Size: 24
- Architected and developed Ariba Network (AN), world's largest Enterprise B2B network on the cloud, facilitating Buyers to procure goods and services from Suppliers.
- Built on Microservices architecture and deployed on **Ariba Cloud** (Private) offering SAAS solutions for enterprise procurement operations.

❖ **Consultant Engineer**
Feb 2012 – Mar 2015
Ariba India Pvt. Ltd., Bengaluru.

ARIBA

▪ Ariba Procurement Solutions (Platform)
Team Size: 18
- Built Ariba On-Premise solutions Platform layer.
- Platform services are consumed by Ariba applications - Buyer, Sourcing, Procure to Pay and Spend management.
- Stabilized Application framework by resolving long standing defects involving core framework rearchitecting and refactoring.

❖ **Associate Technical Architect**
Oct 2010 – Jan 2012
Tavant Technologies India Pvt. Ltd., Bengaluru.

TAVANT
TECHNOLOGIES
PEOPLE. PASSION. EXCELLENCE.

▪ Triad COBOL Integration (R&D)
Team Size: 6
- Designed and developed web interface to Mainframe systems.
- System transfers data between Java and COBOL runtime systems (Microfocus COBOL) using Dozer and Drools frameworks.

▪ Warranty Management System
Team Size: 18
- WMS is a user-friendly and effective one-stop warranty management solution for manufacturers.

- Resolved performance pitfalls by modifying architectural and design flaws.

❖ **Consultant Engineer**
June 2010 – Sept 2010
Logix Microsystems India Pvt. Ltd., Bengaluru.
▪ Insurance Express Insurance Management Portal
Team Size: 8
Jan 2010 – Mar 2010
Manthan Info Systems India Pvt. Ltd., Bengaluru.
▪ LMG Supply Chain Management System
Team Size: 8

❖ **Technical Lead**
Mar 2008 – Nov 2009
Trianz Consulting India Pvt. Ltd., Bengaluru.

▪ SMART (Sales Management And Reporting Tool) System
Team Size: 8

❖ **Software Developer**
Oct 2006 – Sept 2007
ANZ Operations and Technology India Pvt. Ltd., Bengaluru.

▪ MyTell - Teller application
Team Size: 3

❖ **Software Engineer**

Aug 2005 – Sept 2006
Electronics for Imaging (EFI) India Pvt. Ltd., Bengaluru.

▪ Fulfill O' Matic (FOM) - Online print customization application
Team Size: 5

Aug 2000 – Aug 2005
Inika Design Studio India Pvt. Ltd., Bengaluru.

▪ Learning Track v 2.0
Team Size: 4