



## Rajkamal Pillai

### Senior Technical Architect

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#### ❖ 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.

- **Technical Architect** with **21 years** of experience across planning, analysis, estimation, architecture, design and development of business objectives with notable success.
- Established IT strategy and plans consistent with business objectives and priorities on **BFSI, Warranty, SCM, ERP, Travel, e-Commerce, and e-Learning** domains.
- Architected **cloud migration** for Sabre mainframe systems to GCP instances.
- Architected changes to Kohl's Account Management microservices to facilitate third party authentication.
- Architected and build data migration framework to migrate data from On-Prem sources (MongoDB and MySQL) to GCP (**Cloud Spanner**).
- Architected, designed and developed **Ariba Network** (private cloud application) to facilitate **Enterprise B2B Procurement**.
- **Expert** on **application modernization** and **microservice migration** - Migrated multiple monolith On-Premise 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 **POC, POT, code optimization** and **performance tuning** across presentation, process, and service layers.
- Monitored and tuned application performance (**APM**) in coordination with stakeholders.

## Professional Experience

#### ❖ Senior Architect

Jan 2019 – Till date  
Mondo Fusion LLP.



##### ▪ Sabre GDS modernization

Team Size: 70

- Sabre, one of the four largest **GDS** (Global Distribution System), has evolved into a broad technology platform that manages more than \$260B worth of 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 cloud - 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 through 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 commerce services on Microservices architecture that reduce complexity and increases both flexibility and speed for omni channel brands and retailers.
- Build the data migration platform to migrate On-Prem data sources (MySQL, Mongo DB) to NewSQL implementation (Google Spanner).

## Certification

**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.

- Architected, designed and implemented major changes 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.



- Ariba Network  
Team Size: 24
- Architected and developed Ariba Network (AN), the 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 Procurement Solutions (Platform)  
Team Size: 18
- Worked on Platform for Ariba On-Premise solutions.
- Platform services are consumed by Ariba OnPrem 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.



- Triad COBOL Integration (R&D)  
Team Size: 6
- Designed and developed application providing 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**

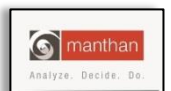
June 2010 – Sept 2010  
Logix Microsystems India Pvt. Ltd., Bengaluru.

- 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 v2.0

Team Size: 4