Joji Isac

SOFTWARE ARCHITECT | SOFTWARE DEVELOPMENT ENGINEER | SDE

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Summary

Software Architect with 20 years of experience in architecture, design and development of Distributed software applications. Expertise in Microservices , Java, Spring Boot , C#, DotNet, Data structures, Kubernetes, Cloud, AWS, Azure,SOA, Event Driven Architecture, CQRS, OOPS, OOAD, App Modernisation.

Technologies/Skills

- Java, C#, Bash Scripting, OOAD,OOPS, Data structures, Design patterns,Microservices.

- Spring Boot, DOTNETCORE, WEB API, MVC, WCF**,** Webservices, Docker, Kubernetes, Istio, APGEE.

- SQL Server, Cosmos DB, Couchbase, Elastic Search, Kafka, Zookeeper, Redis, SNS, S3, Event Hub, Azure Blob storage.

- Git, TFS, terraform, Jenkins, AppDynamics, Splunk, Prometheus, Azure DevOps, Grafana.

- AWS, Azure, On-prem, VPC, VNET, Cloud Networking, PAAS, SAAS, IASS, Cloud Migration.

Experience

BluePi	*Bengaluru, India*
Technical Architect	*April 2022- Oct 2022*

- **Documentation Management System(DMS) :** DMS is a software application being developed for osttra.com. DMS allows to create and maintain, manage the life cycle of different type of legal documents involved in foriegn exchange trade. These agreements are between Prime brokers, Executing Broker and clients. Technologies used: Java, Spring boot, Postgres, Redis, Kafka, AWS, EKS, Kubernetes, Istio, Jenkins, docker, Git.

Tesco	*Bengaluru, India*
SOFTWARE ARCHITECT(SDE-II)	*May 2011- April2022*

- **Customer Order APIs :** Customer order APIs which help online ordering management process. These Apis are currently hosted in AWS Cloud . These API's are redesigned and hosted on newly built infra in Azure Cloud. Ongoing project, Migration has to carried out in phased manner and without affecting customer experience. Technologies used: Java, Spring boot, Couchbase, Cosmos DB, elastic search, Redis, Kafka, Azure, AKS, Kubernetes, Istio, Jenkins, docker, Git.

- **Enterprise Customer Order Search:** Designed and provisioned new infra in azure, Created a unified application which will store all Tesco's order under one central location. All orders placed by various channels and sources (Online web, offline legacy store, offline new store, via CSR's) are stored here. API's are developed to help customers and CRS executives for search, list, and read any past order placed in Tesco. Cold/warm architecture for fast searching of recent orders. Technologies used: Java, Spring boot, Elastic Search, Azure, blob storage, Event Hub, Elastic Search, Kubernetes, Istio, AKS, Redis, Kafka, Jenkins, docker., Git.

- **Store Order Integration service :** Designed and developed store order integration services in AWS cloud. which will help store offline stores orders from various stores distributed across the country to centralised location. Providing Api's for listing and reading of orders. Technologies used: Java, Spring boot, Couchbase, AWS, S3, SNS, Tibco, Kubernetes, Istio, Redis, Jenkins, docker, Git.

- **Grocery Orders Synching service** : Created APIs and services to sync grocery orders from centralized application to respective fulfillment stores in a timely fashion. Technologies used: C#, DOTNETCORE, ASP.NET, WEBAPI, MSMQ, SQL server, Git.

- **Tesco Delivery saver App**: Created subscription APIs and services for free delivery of grocery orders and other elite user services . User can subscribe to services which are auto renewed as per the schedule. Technologies used: C#, DOTNET, ASP.NET, SQL server, WCF, WEBAPI, IIS, JavaScript, HTML, CSS Ajax, SQL server.

- **Tesco Groceries website** : Tesco's grocery business is world's biggest online grocery store today. Worked on building the application , and adding various feature's like basket, order, shopping list, favourites , delivery etc. Performance optimized for Tesco's grocery web site. Technologies used: C#, DOTNET, ASP.NET, SQL server, WCF, WEBAPI, IIS, JavaScript, MSMQ, APP fabric Server, Git.

Ranal Software Solutions
Bengaluru, India

TECH LEAD — *FEB 2009- MAR 2010*

- **Module MD Application.**
  ModuleMD is a comprehensive, web-based Practice Management software solution used in medical practises across USA. The software is developed using following Technologies used: C#, DOTNET, ASP.NET, SQL server, WCF, WEBAPI, IIS, JavaScript, HTML, CSS Ajax.

Ascendum Systems
Bengaluru, India

TECH LEAD — FEB 2007- FEB 2009

- **Harvest Earnings Application**: Harvest earnings application is developed to put together various ideas suggested by different key members of the organization and value them based on existing data. Show projected impacts on an idea. Technologies used: C#, DOTNET, ASP.NET, SQL server WCF, WEBAPI, IIS, JavaScript, HTML, CSS Ajax, TFS.

FCG
Bengaluru, India

- **WISE ADMIN :**   WISE is an application designed to manage the various phases warranty life cycle. WISE Admin is an application to manage & configure the Wise application. Technologies used: C#, DOTNET, ASP.NET, SQL server, WCF, IIS, JavaScript, HTML, CSS Ajax, TFS

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- **AESLIC:** AESLIC is a company serving Excess and Surplus lines business insurance needs. The project involves developing software in that will help AESILC and its clients to manage the business in an easier and efficient manner. The main feature of the software involves functionality creating/maintaining if items such as submission, quote, policy. Technologies used: C#, DOTNET, ASP.NET, SQL server, IIS, JavaScript, HTML, CSS Ajax, TFS

- **Board Viewer:** Board viewer is an application, which collects data from different Internet message boards and makes relevant information available to the interested parties. Technologies used: C#, DOTNET, ASP.NET, SQL server, IIS, JavaScript, HTML, CSS Ajax, SQL server, VSS

- **Totes-Isotoner:** Totes- Isotoner web site application is developed to showcase the products of Totes-Isotoner Corporation under two brands (Totes and Isotoner). Technologies used: C#, DOTNET, ASP.NET, SQL server, IIS, JavaScript, HTML, CSS, SQL server, VSS

- **Chipset Product Number Management System for Broadcom:** The application is developed for Broadcom Inc to automate the chipset number management system for efficient co-ordination of marketing and production control departments. Technologies used: C#, DOTNET, ASP.NET, SQL server, IIS, JavaScript, HTML, CSS, SQL server, CVS

- **TradeMarkBots:** TrademarkBots is an Intelligent Property Protection or Trademark Intelligence service. It actively and continuously monitors intelligence on trademarks, famous names and celebrities among hundreds of online sources from the visible and invisible web. Technologies used: ASP, SQL Server, IIS, JavaScript, HTML, CSS, SQL server, VSS

Education

Mahatma Gandhi University, Kerala, India

B-TECH in Electrical and Electronics Engineering *1993 - 1997*

Contact Details

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