MICHAEL CHRISTY PETER (Christy)

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Career Highlights

- Around 5+ years as a Solution Architect for Digital Transformations and microservices journey
- A committed, flexible and team-oriented to adapt to new environments
- Around 16 + Years of experience in Software development using JAVA/J2EE Technologies in Banking Domain
- Key Skills: Microservices, oauth2.0, Rest API adaptation, Open API, Spring-Boot, Java, J2ee, Methodologies: Agile

Aspiration

To compete in the industry which embarks on a digital transformation. In the digital economy, APIs represent the fundamental building blocks that power virtually every business transformation initiative, enabling innovation in such areas as mobile, the cloud or the Internet of Things (IoT). I want to be a very part of this digital transformation happening all over the world. Aspiring to contribute on the below

- ✓ Microservices journey

Expertise

- FOSS analysis & upgrade of Stacks as per release cycle and implementing in product.
- Integrate everything - Legacy architectures must be extended through Rest API's, Micro-Services
- Adapting microservices
- Applying Best Practices on microservices journey for legacy application
- 12 Factor App Compliance for microservices
- Performance tuning of application in the journey to microservices

Employment Recital

- Organization: Edgeverve (subsidy of Infosys technologies Ltd)s (US$13.56Bn IT & Consulting company)

- Designation: Technical manger

- Profile:

  - ✓ Current role involves providing Solution Architect for Product (Digital Engagement Hub) and converting legacy monolith application to Micro-services applications. Adapting Evolutionary architecture style by following design that prioritizes the ability of a system to adapt and evolve over time, in response to changing business requirements, user needs, and technical advancements. Emphasizing the use of iterative and incremental development processes, continuous feedback from all stakeholders, and imbibe experimenting mindset to teams to create systems that can adapt to change, rather than trying to predict or anticipate all possible future requirements.
  - ✓ Handling a technical team for product Roadmap features like FOSS upgrade, microservices, 12 Factor compliance, Memory optimization, Strangling the monolith

Technical Skills

Architectures	Microservices with Spring boot
Technologies	Java (8 ,11) ,J2EE, Spring boot, Redis cache, Apache camel
Security Framework	Black Duck Hub, RSA Adaptive Authentication, OAuth 2.0, Checmarx

Messaging	Kafka
Database	Oracle 10G, Sql Server 2012,Mongo Db
Version Control Tool	SVN, GIT
Web programming	Restful Web Service
Build tools	Gradle – basic knowledge
Design Pattern	Singleton, Template, Factory, Chain of Responsibility
Methodologies	Agile and Scrum

Project Highlight

1) **Microservices Journey** (R&D Product Development)

❖ **Project description** – Finacle Ebanking is a legacy application comprising of many banking modules and multiple frameworks. The project focused on extracting microservices from main modules of the application.

❖ **Primary Responsibilities**

- End to end development of Java Back-end Rest API and microservices design and development
- Responsible for design and application development of major microservices in the journey
- Code Review and quality of deliverables
- Participate in the requirement analysis, design approach discussions, functionality and screen review discussions.

❖ **Technologies & Tools** – Java 8, REST using Spring boot, Redis, Microservices
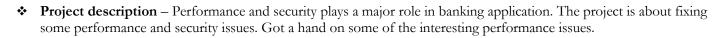
2) **Untangling** (R&D Product Development)

❖ **Project description** – Finacle Ebanking is a legacy application comprising of many banking modules and multiple frameworks. Due to huge development over the years the modularization of application was lost. As a first step in modularizing the application and involve a smooth journey of Microservices, the application was modularized and unwanted dependencies between the modules removed. As the application was having independent modules, it allowed the customers to pick and choose the modules for their deployment

❖ **Primary Responsibilities**

- End to end development of Java Back-end Rest API.
- Responsible for design and application development
- Code Review and quality of deliverables
- Participate in the requirement analysis, design approach discussions, functionality and screen review discussions.
- Based on the proposed functional and technical requirements, prepared High Level and low-Level design documents
- Unit testing for ensuring quality and also ensuring performance of the application.
- Developing Tools for identifying dependencies between modules.

❖ **Technologies & Tools** – H2 DB, hibernate, Gradle, Java Parser, ASM.

3) **Performance and Security of Application**

- ❖ **Project description** – Performance and security plays a major role in banking application. The project is about fixing some performance and security issues. Got a hand on some of the interesting performance issues.

- ❖ **Primary Responsibilities**
  - Handled the performance and security issues as individual contributor.
  - Analysis of the issues and providing appropriate solution

- ❖ **Technologies & Tools** – Java, Checkmarks, Redis cache

Academic Qualification

- ❖ **Bachelor of Engineering (Information Technology)**   **2002 - 2006**
  PET Engineering College (Anna University), India
  Graduated First class with distinction