# RAJATH V | Infinity (Kony) Developer

Phone: +91- 9206274135
Website: rajathv.in
Email: rvgofmys@gmail.com/me@rajathv.in

## Overview

- I have a total of **3+** years of experience in all aspects of the Design and Development of Kony Technologies.
- I have worked on **Quantum Fabric, Quantum Visualizer, Infinity Products (Kony DBX), T24,RedHat OpenShift,Kubernets DevOps, and AWS**.
- Well experienced in various **third-party** and **CBS service** integration methods in Quantum Fabric.
- Expertise in **Mobile**, **Web**, UI, and Experience of working on KONY latest Quantum Version 9.
- **Third-party integrations to Visualizer using NFI** for both android and iOS.
- **Android native, iOS native** knowledge for integrating to Visualizer.
- Core T24, TCMB & TCIB UXP platform and **IRIS 2.0**, Interfaces.
- Good understanding of delegator design patterns, MVC, MVVC, and **MVC 2.0** patterns.
- Generating headless builds for web, Android, and iOS.
- T24 Technical, Local Customization & Implementation with TAFC & TAFJ.
- Good knowledge of Version Control. (GitHub, Bitbucket)
- Managed end-to-end application development and customer teams through SDLC and Agile.
- Result-oriented & able
- to work independently as well as in a team. Excellent analytical and problem-solving skills with proven ability in solving technical issues
- Excellent communication and documentation skills, strong team player.
- Ability to work under pressure and mission-critical environments, having the initiative to work on different technologies and platforms.

## Work History

| Employer | Designations | Duration |
|---|---|---|
| Techadwiser UK | Infinity Tech Lead | May 2022 - Till date |
| Masaref-BSC Freelance | Infinity Tech Lead | Nov 2021 - May 2022 |
| PVComBank Vietnam (on-site) | Infinity Tech Lead | Apr 2022 - May 2022 |
| Manni Corporation Qatar | Senior Analyst | Nov 2021 - Mar 2022 |
| Techmill Technologies Pvt. Ltd. | Associate Technical Consultant | JUL 2019 – OCT 2021 |
| Jio Pvt, Ltd. Remote | Intern | MAY 2018 - AUG 2018 |

## Skills and Expertise

| | |
|---|---|
| **Expertise** | Python, Java, SQL, JavaScript, RequireJS. |
| **Tools** | Fabric, Visualizer V8.4-V9.2,9.3 Eclipse Juno, Xcode, Android Studio, Python, Adobe XD, Figma. |
| **Languages/Technologies** | Core Java, J2EE, JavaScript, Python, RequireJS, NodeJS, ReactJS (MVC, MVC2.0, Security, Integration) |

| Build Tools | VSS, CVS, SVN, ClearCase, Maven, Temenos Deployer |
|---|---|
| **Servers** | JBOSS, Apache Tomcat, XAMPP, Node, Django, Flask |
| **Databases** | MySQL, Sybase, Oracle PL/SQL,YugaByte Distribute SQL |
| **Cloud** | AWS, GCP, Azure |
| **Other** | RedHat Openshift, Docker, Jenkins, Web Services (RESTFUL), Kubernetes, Chatbots (Dialogflow & Alexa) |

## Professional Experience
### Project #1

| Project Name | **Infinity Implementation 2021.07 (Origination Lending, Infinity Assist)** |
|---|---|
| Client | Ijahara Finance, Riyadh |
| Role | Infinity Tech Lead |
| Location | Mysuru |
| Duration | May 2022 – Till Date |
| Environment | Quantum Visualizer V9SP3, Quantum Fabric V9SP3, Infinity 202107 |

**Project Objective**

Implementing Retail Origination for Tuawarq Loan Product. Creating of custom authentication services,Integrating multiple regulatory complaint service in Fabric. Managing a team of backend and frontend developers. Deployment and installation of Infinity on different environments.

**Responsibilities and Contribution:**
- Loan Origination application design and expose of secure API
- UI Design and implementation of CSA in Spotlight
- Custom identity service for Prospect and App user login
- T24 Integrations with IRIS
- Microservices installation configurations
- Kubernets Deployment of Fabric and Infinity solution
- SIMAH, Absher, Nafaes, Emdha, Unifonic integrations
- Document management and document signing implementation
- Session management, cookies implementation for LOS.

### Project #2

| Project Name | **Infinity Implementation 2021.10.02** |
|---|---|
| Client | NUB, Libya |
| Role | Infinity Developer |
| Location | Mysuru |
| Duration | November 2021 – May 2022 |
| Environment | Quantum Visualizer V9SP3, Quantum Fabric V9SP3, Infinity 202110 |

**Project Objective**

Inifnity Implementation and integration with Temenos Transact R19 TAFC. Customization on IRIS channel for accommodating missing products like AA and payments. Fabric pre/post processors for customizing the response from Transact for Infinity integrations. Frontend Mobile and Web channel development and customization according to client requirements and RTL implementations.

**Responsibilities and Contribution:**
- UI Design for mobile and web channel Infinity Retail and SME banking.
- Infrastructure configuring and Infinty implementation and deployments (Kubernets and OpenShift) on Dev, SIT and Production environments.
- RTL implementation for Libyan Arabic text.
- Device Management integration for mobile and tablet design

- NFI implementation for third-party SDK Android and iOS Channel.
- Third-party Web JS implementation for OLB.

## Project #3

| Project Name | Infinity Implementation 2022.04 |
|---|---|
| Client | PVCom Bank Vietnam |
| Role | Kony UI developer |
| Location | Vietnam |
| Duration | April 2022 – June 2022 |
| Environment | Quantum Visualizer V9SP3, Quantum Fabric V9SP3, Infinity 202110 |

**Project Objective**

Infinity Installation and deployment. Customizing digital banking application according to client requirements. Vietnamese i18n implementations. TrueVision SDK integration with app. Managing digital banking technical and functional team.

**Responsibilities and Contribution:**
- UI/UX design mobile and olb application.
- Vietnamese i18n implementation
- Infinity integration with Apache MQ with T24 R14 TAFC
- Argocd CI/CD pipelines setup for Infinity backend development
- OpenShift Infinity and MicroServices deployment.

## Project #4

| Project Name | Digital Banking App |
|---|---|
| Client | QNB, Qatar |
| Role | Kony UI developer |
| Location | Mysuru |
| Duration | November 2021 – Mar 2022 |
| Environment | Kony Visualizer V9SP3 |

**Project Objective**

QNB Mobile/Tablet application development for the Bank with MicroApps Architecture.

**Responsibilities and Contribution:**
- UI Design for Tablet screens on Kony Visualizer V9SP3 with micro apps architecture.
- RTL implementation for Arabic text.
- Device Management integration for mobile and tablet design
- NFI implementation for encryption

## Project #5

| Project Name | Infinity Implementation 2020.10.02 |
|---|---|
| Client | KBZ Bank, Myanmar |
| Role | Infinity developer |
| Location | Mysuru |
| Duration | September'20 – October 2021 |
| Environment | Infinity 2020.10.02, Flexcube Oracle, IDMission |

**Project Objective**

Kanbawza Bank (KBZ) wants to implement a Banking system for their internet and mobile banking customers. They want other third-party applications integrated along with Oracle Flexcube. The Infinity products Retail Banking Web, Retail Banking Mobile, Onboarding, SME.

**Responsibilities and Contribution:**
- Deploying fabric and all infinity products on AWS EC2 instance.
- Deploying Microservices required for infinity on AWS Lamda functions with MongoDB.
- Maintaining source code of infinity products on Bitbucket Cloud and creating Jenkins Pipelines for headless builds with Polling SCM.
- Creating Integration service (Java & JSON) and mapping to object service and creating custom verbs.
- Interacting with Clients, other teams for deliverables.
- Integrating third-party SDK IDMission Facial Authentication and ID validation to Visualizer V9.2 on Android, iOS, and Web
- Created native bindings in android studio to invoke the SDK and created a wrapper to invoke from Visualizer.
- Unit testing of the screens developed.
- Review of the Code for the team members to ensure code quality and standards.
- Used Trello for project deliverable tracking and planning.

## Project #6

| Project Name | DBX Certification (DBX 4.2.5) |
|---|---|
| Client | Internal Certification |
| Role | Involved in creating Java services and frontend customization |
| Duration | June'20 – August '20 |
| Environment | Kony DBX 4.2.5, Kony Visualizer Classic 8.4, Kony Fabric 8.4, R20, IRIS 2.0 |

**Project Objective**
The task was to enable a customer to add features to his account. We had to create a backend service that will register the new features added by the customer to his account. Respective UI had to be created in the Retail Banking Online solution for enabling the user to navigate to the feature page and add the features.

**Responsibilities and Contribution:**
- Creating CRUD services in Quantum Fabric.
- Setting up DBX 4.2.5 on-premises
- Creating Java service to get data from CRUD layer
- Creation of Object service
- Creating of UI
- Creating of frontend

## Project #7

| Project Name | Agent Banking App (DBX Platform) |
|---|---|
| Client | **Internal POC** |
| Role | Development of Agent Banking app over DBX platform |
| Location | Mysuru |
| Duration | June'20 |
| Environment | Kony DBX 4.2.5, Kony Visualizer Classic 8.4, Kony Fabric 8.4, R20, IRIS 2.0 |

**Project Objective**

Creating an agent banking application over the Retail Banking Mobile solution by making use of MVC 2.0 architecture.

**Responsibilities and Contribution:**

- Kony Fabric 8.4 installation with MySQL 5.7 and Tomcat
- Setting up of docker.
- Installation of DBX 4.2.5 suite apps over docker in fabric
- Deployment and configuration of Customer 360
- Designing wireframes for UI/UX of the application.
- Creating required API in IRIS2.0 T24 and deploying it in the R20 area.
- Creating integration services of the API exposed in R20 area.
- Creating and mapping in object services.
- Development of application using MVC 2.0 architecture in Kony Visualizer using delegator patterns.
- Creating UI in Visualizer.
- Using third-party API for service integrations in an application for bill payment and KYC verifications.

## Project #8

| Project Name | Kony DBX On-Premises Setup |
|---|---|
| Role | Deploying Kony DBX suite applications. |
| Duration | May'20 |
| Environment | Kony Visualizer 8.4, Kony Fabric 8.4, Kony DBX 4.2.5 |

**Responsibilities and Contribution:**
- Installing Kony Fabric 8.4 On-premises with MySQL5.7 and Tomcat.
- Setup Kony fabric environment.
- Installing Docker and running docker image.
- Configuring shell scripts for DBX auto installation.
- Installing DBX applications on Kony fabric with docker and shell scripts.

## Project #9

| Project Name | Retail Mobile Bank App Kony |
|---|---|
| Client | Internal POC |
| Role | Design and Development of Retail banking app in Kony. |
| Duration | April'20 |
| Environment | Kony Visualizer 8.4, Kony Fabric 8.4, IRIS 2.0, R19 |

**Project Objective**

Create a Retail Banking solution with Industry Standard UI/UX designs to showcase the UI capabilities that can be created over the solution for our clients.

**Responsibilities and Contribution:**

- Designing of wireframes for Retail banking app.
- Designing of UI in Kony Visualizer 8.4 based on the wireframe designs using Adobe XD and Figma.
- Generations of IRIS 2.0 services.
- Development of Kony App using MVC architecture and building application for SPA, Tablets, and Mobile.
- Generation of iOS and Android applications.

## Project #10

| Project Name | BNK Bank |
|---|---|
| Client | BNK Bank |
| Role | Technical Lead |
| Location | Mysuru |
| Duration | Mar'20 |
| Environment | R19 TAFJ |

**Project Objective**

Delivering APK and IPA builds with UXP Deployer to the clients. Publishing of the apps on Play Store and App Store respectively. Jenkins setup for building the projects.

**Responsibilities and Contribution:**
- Majorly responsible for developing a Hybrid app solution.
- Generation of Android and IOS hybrid app from UXP solution

## Project #11

| Project Name | IRIS 2.0 API Developments |
|---|---|
| Client | Bene Bank, Brisbane Australia |
| Role | API developer |
| Location | Mysuru |
| Duration | Jan 2020 to Feb 2020 |
| Environment | R19 TAFJ |

**Responsibilities and Contribution:**
- Majorly responsible for developing open API for arrangement activities.
- Designing of Enquiries, Version, and Arrangement Activities
- Designed, developed, and delivered the open APIs (IRIS 2.0) in JSON format to the clients using Design studio and Swagger workbench(irf-web-client).

## Project #12

| Project Name | Kony Certification Project |
|---|---|
| Role | Associate Technical Consultant |
| Duration | Dec'19 to Jan'20 |
| Environment | Kony Visualizer 8.4, Fabric 8.2 |

**Project Objective**

Using this application users will be able to upload campaign details to the database (individual or bulk), These campaign details can be viewed by all the distributors all over India, based on the circle and level to which users have access.

**Responsibilities and Contribution:**
- Involved in the creation of an E-Commerce Shopping Mobile application using Kony Platform.
- Integration of API from Best Buy app with Kony Fabric and Google API for MAP and FCM integration.
- RequireJS and Kony API were used for the creation of the functionality of the app.
- Creating optimized UI and UX for the mobile application.
- Integration of third-party API for the application.

## Project #13

| Project Name | Internal Mobile Banking Project |
|---|---|
| Client | POC |
| Role | Mobile Banking developer |
| Duration | Oct'19- Dec'19 |
| Environment | Visualizer 8.4, Fabric 8.2, R19, Iris 2.0 |

**Responsibilities and Contribution:**

- Creation of Wireframes and gathering project requirements.
- Involved in creating Enquiries and version in Temenos T24.
- Understanding the functionality of personal banking and mobile banking.
- Creation of JSON API using Swagger workbench for the inquiries and versions.
- Generation of WAR files using Design Studio.
- Integration of Swagger API endpoints with Fabric Integration and Object Services.
- Designing of Orchestration service for the API and integration to the mobile banking environment.
- Integration with google maps and other third-party APIs for functionalities like ATM search and fingerprint-based Oauth2 authentication.
- Development of mobile banking UI in Kony Visualizer and integrating it with Kony Fabric.
- Development of Android application and deploying it to Playstore
- IOS App Development for Deploying in Apple App Store Connect

## Project #14

| Project Name | Chatbot Development |
|---|---|
| Client | Internal POC |
| Role | Chatbot developer |
| Duration | Sept'19 |
| Environment | Temenos Developer Sandbox R19 |

**Responsibilities and Contribution:**

- Involved understanding of banking-specific chatbot requirements.
- Creation of NLP and NLU models with intents for Banking specific requirements.
- Deploying the model in cognitive service environments like Google Dialogflow and Amazon Lex.

- Using temenos developer sandbox platform for consuming API and integrating with the chatbot framework.
- Developing skills for Amazon Alexa using temenos developer API. Using Lamda functions.

## Project #15

| Project Name | CENTRAL BANK OF EGYPT POC |
|---|---|
| Client | Central Bank of Egypt |
| Role | UXP Widget developer |
| Duration | Jul'19 – Aug'19 |
| Environment | T24 UXP |

**Responsibilities and Contribution:**

- Involved in developing widgets for UXP tool for password security enhancement.
- UXP Edge script was used for developing the widget.
- Front End was built using HTML5 and CSS3.
- The widget provided security over the existing password-based authentication.
- A widget can be integrated into any version of UXP.

## Achievements

- Secured Platinum Certificate and Appreciation letter Jio Digital Championship.
- Got first prize National Level Code Arena at ATME Engineering college.
- Got second prize Hackamania 1.0.

## Education

| BE Information Science & Engineering | 2015-19 | Maharaja Institute of Technology Mysore |
|---|---|---|
| Pre-University PCMC | 2015-19 | Mahesh PU College |

## References:

- **GitHub:** https://github.com/rajathv
- **Linkedin:** https://linkedin.com/in/rajath-v
- **Temenos Basecamp:** https://basecamp.temenos.com/s/profile/0052K000009zPQN
- **Certificate:** https://bit.ly/awardCertificate