

# Bhagavati Kumar Jayanti Venkata

Sr MTS (Architect)@PayPal since December 2020

## CONTACT

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Bengaluru

## EXTERNAL PROFILE



/KumarJayanti



<u>/bhagavati-kumar-jayanti-venkata</u>



<u>KumarJayanti</u>

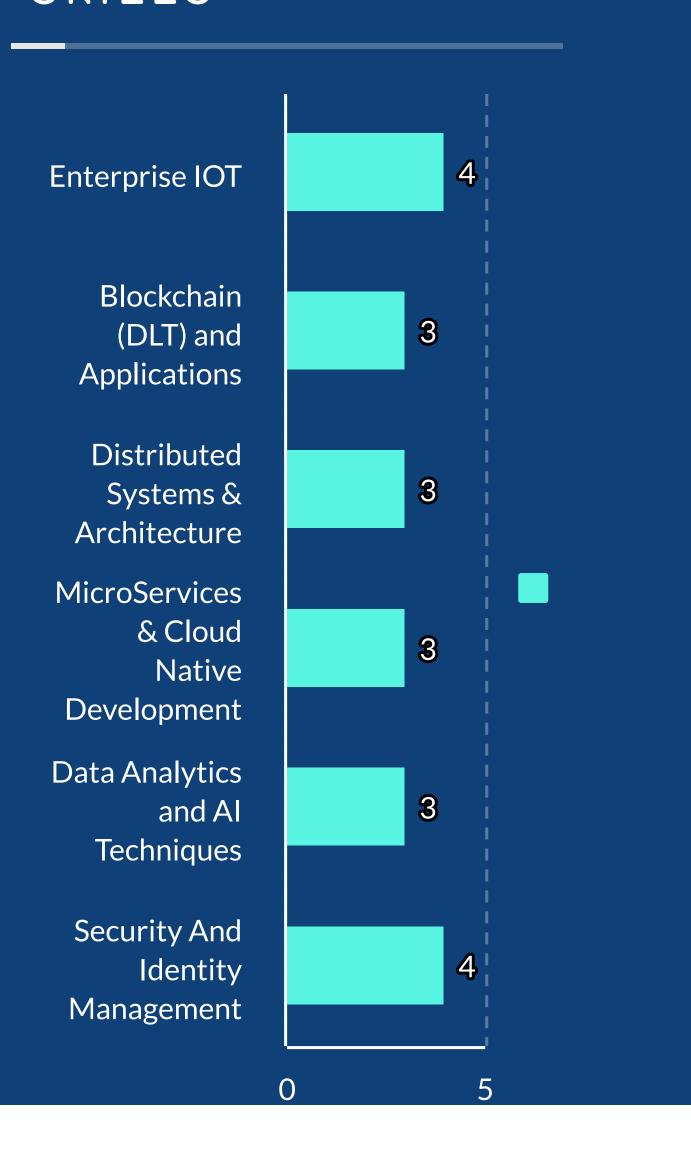


M<sub>E</sub> /@kumar.jayanti



https://kumarjayanti.github.io

## SKILLS



## ABOUT

Technical hands-on Architect with 24 years of experience comprising SaaS/PaaS Application development, Application Security, API Design, WebServices and Java Standards.

#### PERSONAL DETAILS

DOB:12.08.1972 Nationality: INDIAN Mother Tounge: Telugu Marital Status: Married Gender: Male

CURRENT ROLE @PAYPAL 2020(dec) - Till date

## Architect AdTech and Geo Platforms

Architect and Line Manager for Geo-China - MarTech Platform and Geo-China WebSite(mktg)

#### RESPONSIBILITIES

- Setup the new MarTech stack in Geo-China from Scratch.
- Hired and Managing an initial Team of 4 engineers in Geo-China
- Architect for AdTech Platforms and Integrations (newly assumed role)
- One of the Architects in Home Grown Growth Marketing Platform

#### TECHNOLOGY STACK

PayPal Global MarTech: Azure PaaS and Azure DevOps, SalesForce Marketing Cloud, Datorama, Kafka, SPARK, AirFlow, Hadoop, H2O.AI, Java, Python, Teradata, Oracle DB, Spring Boot, Java, Python, Redis PayPal Global AdTech and China MarTech: CM360, DV360, SA360, GA,

Adjust, BigQuery, Qliksense, Java, Python, DM-Hub SaaS, GrowingIO, Redis

## HIGHLIGHTS @PAYPAL

- Re-Architect Growth Marketing Platform using Azure AppService Environment, AppGateway, Splunk, ExpressRoute etc to make it InfoSec Complaint.
- Developed 2-Way ETL Pipelines using PySpark and AirFlow to Load the DM-Hub SaaS solution with B2B Merchant data from Enterprise Data Lake . Implemented Metadata driven Column Encryption Support.

Oracle IOT FleetMonitoring SaaS Application

algorithm for efficient MIME-Multipart Parsing.

Orchestration Service for Lead Ingestion into SalesForce.

KEY ACHIEVEMENTS In the PAST (Reverse Timeline)

#### Architect for the Application, fully developed by INDIA Team from scratch. End-to-End design and implementation of Driver Scoring Feature in IOT FleetMonitoring implemeted as batch analytics **Mobile Security PaaS and Oracle OPSS** processor on SPARK. Implemented the concept of Layered Metadata Customizations to support Per-Tenant customizations of the Security Services. Implemented a Robust Policy Management system for controlling various aspects of Mobile Device and Application Management. The product provided opportunity to work with several protocols such as OAuth2, SAML-2, **Glassfish JavaEE Application Server Security** OIDC, SCEP, SCIM, MFA, FIDO and Oracle Lead for JavaEE 5 and 6 Releases Identity and Access Management Products Was Security Point of Contact (SPOC) Contributed to JSR 196 (Java Authentication SPI for Containers) RI. Handled Security Implementations of Java Servlet Specification Version 3.0 (JSR 315) **Metro WebServices Security** Took the prdocut to successful WS-I interop Events held at Microsoft Was part of the team where we used the Stax Pull Parser coupled with Java Stream Ciphers and DigestInputStreams to implement Streaming XML Security for improved performance. **SAAJ JSR67** Specification and Reference Implementation LEAD for release 1.3 Added SOAP 1.2 API support Implemented Boyer-Moore String Matching

Oracle IOT FleetMonitoring (SaaS) &
Oracle Intelligent Track and Trace (SaaS)
Role: India Team Architect, Designation: CMTS
RESPONSIBILITIES

- Handle overall architecture and design of product modules owned by the team and getting design approvals from stake holders.
- Do quick POC's for new technologies and solution ideas to assess applicability.
- Write production Code for some of the modules end-to-end.

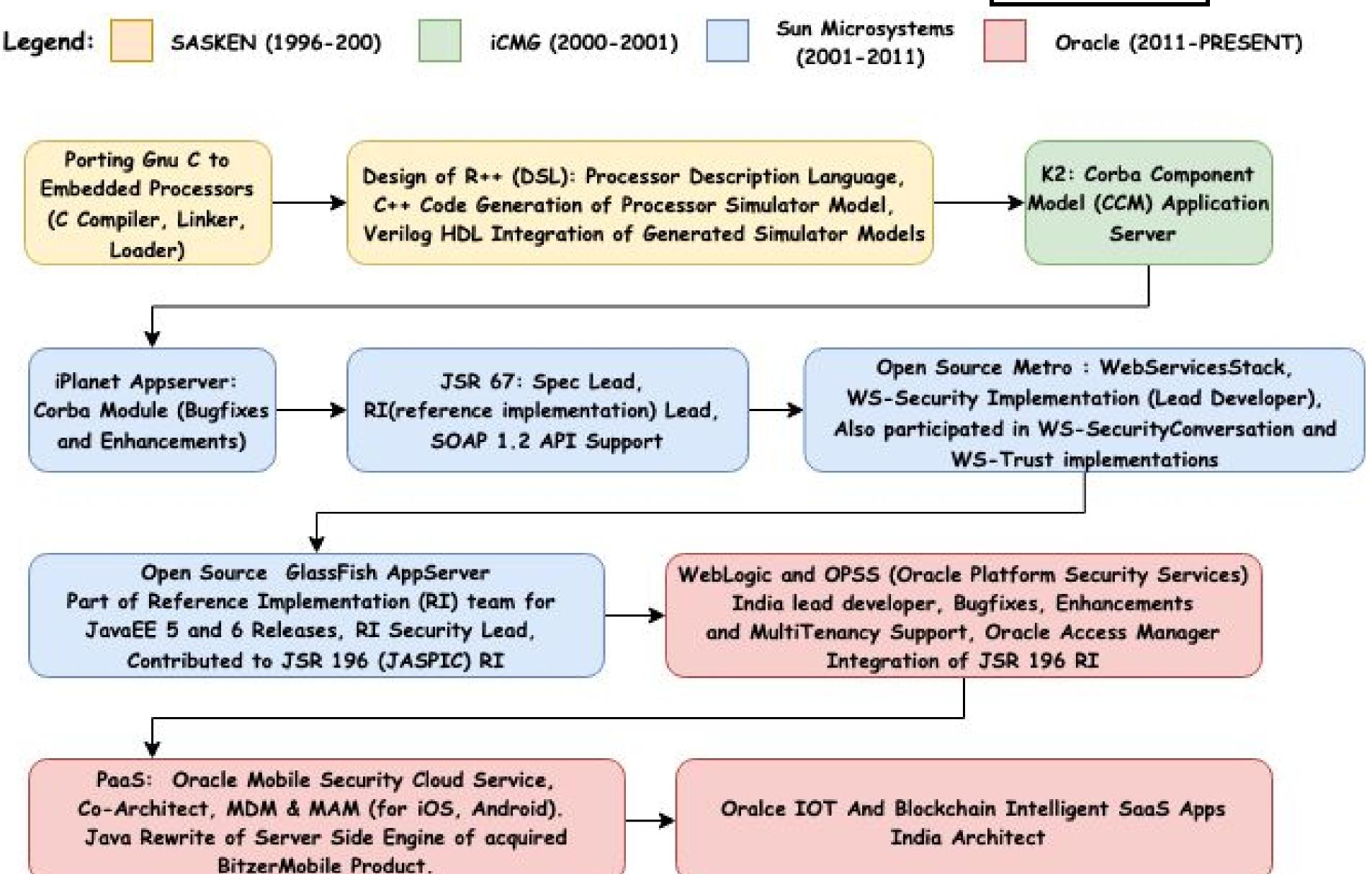
#### TECHNOLOGY STACK

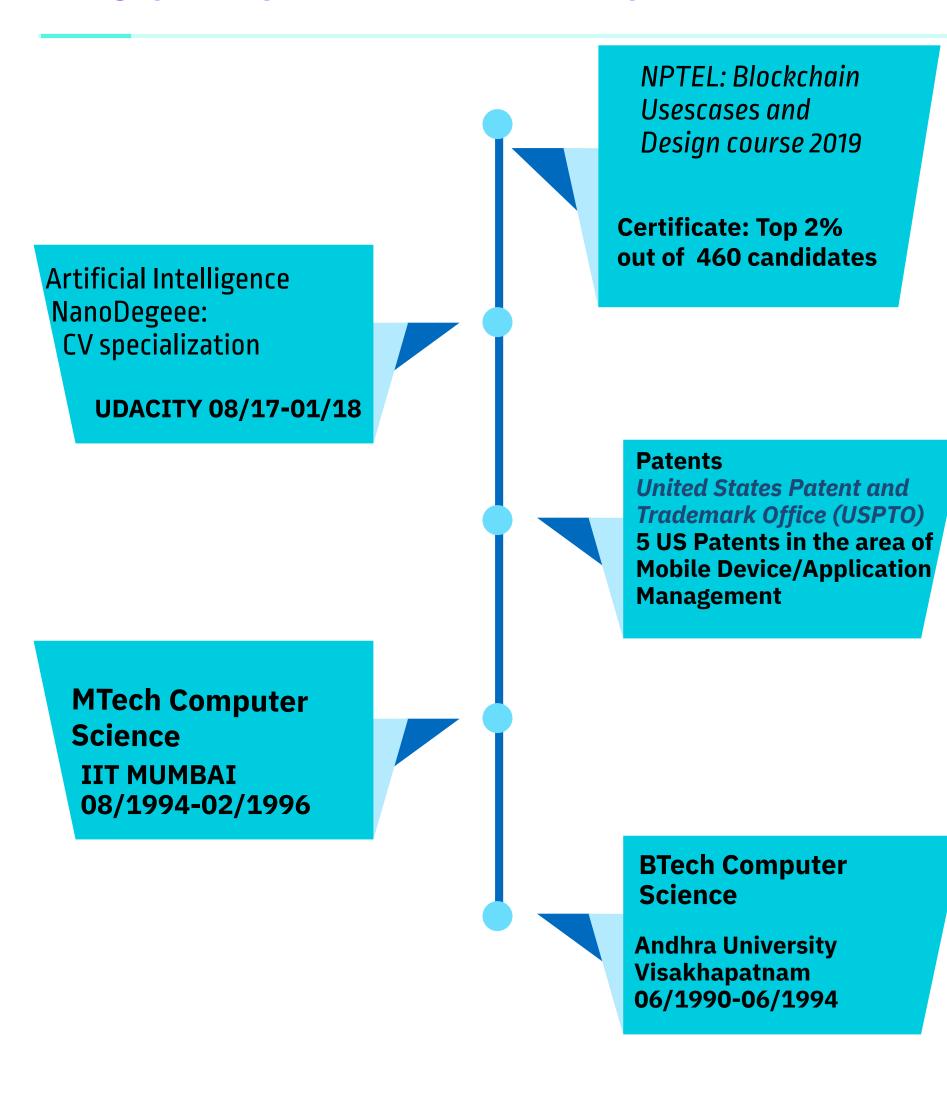
Oracle DB, ElasticSearch, Kafka, Spark, Oracle NoSQL, JakartaEE MicroProfile Microservices with helidon.io, Cloud Native Technologies (Kubernetes, Jaeger, Prometheus), Oracle Cloud Infrastructure, Oracle Blockchain Cloud Service, Hyperledger Fabric v2.0, Java, Python, OAuth 2.0, OIDC, Oracle Identity Cloud Service, Redis, Jenkins, CDI, Jdbi, Junit5, JSR380

## HIGHLIGHTS @ORACLE

- Rule Based and Custom Smart Contract and Contract Proposal
   Management Framework for Oracle Intelligent Track and Trace
- Advanced Fulfillment Orchestration for WareHouses with Oracle IOT FleetMonitoring, Oracle Transport Management and Warehouse Management Cloud.
- POC on using GraphQL as a BEFE (Backend For FrontEnd).
- JsonPath DSL (Open Source) for Declaratively Transforming data ingested from Custom Telematics Providers. This was integrated into Oracle IOT Generic Connector Framework.
- End-to-End design and implementation of Driver Scoring Feature in IOT FleetMonitoring implemeted using batch analytics on SPARK.

## CAREER PATH TIMELINE UPTO DEC 2020





#### OPEN SOURCE CONTRIBUTIONS

