

| EXPERIENCE SUMMARY

- Software Engineer with **around 11 years of experience** in **Design, Develop** and Delivering high quality software applications
- Expertise in **Backend engineering** using java technologies, SOA, **Microservices Architecture**
- Experience in design and implementation of **real time data streaming systems** using **confluent Kafka**.
- Experience in building highly **distributed, scalable, resilient microservices** based **data platform** using solace **Pub/Sub** appliance to handle guaranteed messaging for high throughput of data.
- Expertise in **Rest API, Microservices** Design and Implementation using **Java, Spring boot**, deployed to **Openshift** and **GKE**

| TECHNICAL SKILLS

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| • Languages & Technologies | Java, Spring (Core, Spring Boot , JDBC), Kafka , JPA, Rest API , Hibernate, Activiti BPM, Elastic Search. |
| • TDD and Code Quality | JUnit, Mockito, Power Mock, SonarQube. |
| • Build & Integration | Maven, Jenkins, Bamboo, Git. |
| • Cloud & Container Platforms | Google Cloud Platform (GCP), Docker, Kubernetes, GKE, OpenShift . |
| • Database | Oracle, MySQL, MongoDB, Redis |
| • Methodologies | Agile , Waterfall |
| • Tools | Eclipse, IntelliJ, Postman, SoapUI, Splunk, Jira . |

| EDUCATION

Bachelor of Engineering [2010] in Information Science & Engineering (ISE), from Tontadarya college of Engineering, Gadag.
([Visvesvaraya Technological University](#)).

| WORK EXPERIENCE**Hcl Technologies Pvt Ltd (Client: [ANZ Bank](#))**

Technical Manager, Bengaluru

September 2018-Till Date

Archival Framework: Archival framework (Payments archival Manager) powered by using **starburst Trino**, a SQL based federated query engine. Data is archived from source databases (MongoDB in our use case) to parquet format and stored in objectstore (S3) using Trino. Archival and querying capability is enabled by creating hive tables and source collection schema mappings. Archival schedules and configs are managed in mongodb config store and scheduler capability built using quartz. This solution enables lot of capabilities including querying data using SQL from archival directly, sourcing analytical reports, data extracts. We benefit storage cost and performance improvements using this solution.

Environment: Java 8, Starburst Trino, Spring, Spring Boot, Spring Jdbc, Quartz, MongoDB, Object Storage (Dell Ecs), Hive

- Design and implementation of microservices based solution using **spring boot, spring JDBC** for Trino, **Mongo DB**, dell ECS(S3)
- Analyzed archival use cases to onboard business use cases and schedule archival based on requirements.
- Built config store to well manage archival configs and SRE activities.

Data Platform: Payments Repository and Exchange (PReX) is a centralized data platform built using microservice architecture using java to host payments Information Systems. Purpose is to cater all payments data needs from one central platform, rather than having multiple de-separated payment systems handling similar data.

Environment: Java 8, Spring, Spring Boot, Solace, Cloud Sql, MongoDB, Google Cloud, GKE, Openshift, Memory store (Redis), Elastic Search, Object Storage, MQ and APIGEE Gateway

- As part of Cloud focused Squad, Contributed to service onboarding/migration strategies and implementations to GCP.
- Analyzed existing payment flows to understand design and integration patterns to onboard services to the platform.
- Contributed in building core services and managing services integrations.

Data Streaming: RTBTR (Real Time Balances and Transactions Reporting) is Data streaming application to process transactions data in real time to provide customer with more enriched transaction information with npp/ptm and lwc details and batch processing engine to process end of the day transactions files

Environment: Java 8, Spring, Spring Boot, Oracle, Restful API, Docker, OpenShift, Redis, Confluent Kafka, Apache Avro contracts, Schedulers

- Contributed to Design and development of event driven systems to handle different state of transaction events received, enrich the data and publish enriched transactions as Avro events (insert / update /delete) to confluent Kafka.
- Designed and Developed batch processing system to handle end of the day transactions event out i.e., Publishing enriched updated transaction information to end consumer as update event.
- Code reviews, mentoring junior members in the squad, and Handling code movement to OpenShift from ST, SIT till production.

Open Banking: Open banking as industry standard, has been developed as part of the Australian Government's introduction of the [Consumer Data Right](#) legislation to give Australians greater control over their data.

Environment: Java 8, Microservices, Java/J2ee, Spring Boot, Oracle, Restful API, Docker, OpenShift, Redis, Spring Hateoas

- Contributed to designing APIs as per the open banking industry specs and development of different microservice APIs to provide different types of transactions list and details of a transaction.
- Mentoring junior members in the squad, Code reviews to ensure code quality and guidelines are maintained in the codebase.
- Handling code movement to OpenShift from ST, SIT till production.

KPMG Global Services Pvt Ltd

Consultant, Bengaluru

September 2017- September 2018

- Involved in building chatbot, MVP solution for a use case using api.ai (now it is known as google dialog flow), storing fallback intents in firebase using cloud function (node js) as backend.
- Involved in building java accelerators and utilities.
- Contributed in building invoicing application using appian tool

Wipro Limited

Module Lead / Consultant, Bengaluru

November 2012-August 2017

worked with [Hibu India Pvt Ltd](#) (November 2012-June2015) until it was acquired by Wipro technologies on June -2015

Order hub: OrderHub is an order processing system built on a workflow engine (Alfresco Activiti) and is responsible for Order validation, provisioning of various products and their fulfillment. OrderHub connects to a third-party API (Aria) deployed in the cloud to process the billing information. For the fulfillment of various products, OrderHub interfaces with other internal applications through and ESB. The product information is stored in Aria and is available in GhOST through an OrderHub replicator. OrderHub also involves various workflows for product upgradation, down gradation, cancellation and re-instantiation.

Environment: Java 8, spring, JPA, Restful Web services, Wildfly 8.1, Bitbucket, Activiti BPM

- Involved in designing and developing activiti BPM workflows and java delegates.
- Involved in developing multiple services including Hibu API services, Asset Services, Order Services.
- Involved in Aria API integration to handle plans and services.
- Involved in service separation process and server migration from jboss 4.3 to wildfly 8.1.
- Involved in customizing activiti-explorer (Web interface for activiti BPM to manage deployments, error queues/user tasks, reports)

Ghost Disconnected: Ghost (Global Hibu Order and Sales Tool) is a sales application used by sales representatives to place orders. Achieving digital order like websites is different, most of the time sales reps need to walk into customer premises to understand customer intent, suggest plans then place order - To achieve reachability, this application is built as a disconnected version (without network/internet). This is a lightweight application built using GWT, HTML 5, Twitter Bootstrap with advantage of HTML5 local storage feature. All catalog data will be loaded into local storage of devices so as to be available for placing orders offline, once a customer selects any plan place the order - we store data into local storage. Once the sales rep comes back to the office/Network, locally stored data will be synced to the actual database - then process that order.

Environment: Java 1.6, GWT, Html 5, Twitter Bootstrap, Restful Web services, Wildfly 8.1, SVN, Eclipse.

- Design and develop solution using GWT (Google Web Toolkit) and html5 local storage feature.
- Involved in developing utilities to parse and store json data to html5 local storage.
- Involved in developing service to sync locally stored data into actual database when device is connected over network

Volen Software Services Pvt Ltd

Software Engineer, Bengaluru

December 2011- October 2012

Avalon Globalization: Avalon is a software product to manage marketplace and stores deployed in cloud - SaaS offerings.

Environment: Java 1.6, Struts 2.x, JavaScript, Restful Web services, SVN, Eclipse.

- Involved in building time zone core API (jc-core) to handle time zones across platform/product
- Involved in product localization.
- Involved in product stabilization by performing RCA for known issues and fixing defects.

|ACCOMPLISHMENTS

- Excellence Award "**Maverick**" at Wipro Global Media & Telecom vertical in recognition of exceptional performance that has been key to the success of Order Hub Project.
- **O Infinity** - Hcl Achievers League Award for best performances for last two consecutive years

|PERSONAL DETAILS

Languages Known: Kannada, English and Hindi
Address: Bengaluru, Karnataka, India.