

## **CAREER OBJECTIVE:**

To become a very skillful developer. To be in a position where I have an overview of entire system, learn new things in the architecture, improvise my skills, write effective and efficient code for the requirements.

## **KEY SKILLS:**

- Excellent in Core Java, Spring Boot, Spring Cloud, Spring Microservices, Spring Data JPA, Spring Security, Spring AMQP, RabbitMQ, Rest API, MongoDB, MySQL, Oracle, PostgreSQL, Grafana, Git etc.
- Develop Telecom VAS products using latest technologies like Spring Boot, Spring Microservices, MongoDB, RabbitMQ, Spring Security etc.
- SMS and USSD delivery using JSMPP and Telscale USSD Gateway.
- Write RestFul APIs using Spring Boot for multiple dependent applications.
- Worked extensively in MySQL, PostgreSQL and MongoDB both for API and other Reporting requirements.
- Excellent skills in Grafana tool to develop high quality reports with highly complex MongoDB queries.
- Previous experience in writing Oracle SQL Queries, oracle stored procedure and Procedure debugging.
- Previous experience in creating ETL flows and troubleshooting ETL (Extract, Transform, Load).
- Excellent in Linux operation and Linux maintenance procedures.
- Excellent communication skills.
- Excellent Analytical skills.
- Efficiently work under pressure and proven record of achieving the objectives both onsite and offshore.

## **Skill Set:**

**Language** : Java

**Version** : Java 1.7, Java 8.

**Framework:** Hibernate, Spring Boot, Spring Cloud, Spring Security, Spring AMQP, Spring Cache, JSMPP

**Database** : MongoDB, MySQL, PostgreSQL, Oracle 11g

**Tools** : RabbitMQ, Jenkins, Grafana, Git, Eclipse, Telscale USSD Gateway ETL, JIRA, BI etc.

**OS** : SuSE Linux 10 onwards, Ubuntu 18.04

## **PROFESSIONAL EXPERIENCE:**

1) Company Name: Monty Telecom Development Pvt Ltd

Senior Software Developer

December 2019-Present

## **PROJECT EXPERIENCE:**

Project: Call Signature, Caller ID, Content Management System

Location: Bangalore, India

Client: Not disclosed to Development team

### **Project Abstract**

Call Signature Service is a VAS product which would send a flash message via SMS or USSD to calling or called or both calling and called party subscribers at the time of call initiation. Content of flash message would be decided by subscriber. Subscriber would have blacklist, white list, reject and restore capabilities of the message.

Caller ID is a project which would send the name of calling party to called party via SMS or USSD call message at the time of call initiation from calling party to called party.

Content Management System serves as a central place for managing content. Currently HTML5 games, Ringtones, Album Information, Artist Information are managed in our content management system.

### **Responsibilities:**

- Complete product was developed from scratch using Spring Boot, Spring Cloud, Microservices architecture.
  - One Project was completely based on MongoDB and content management system uses PostgreSQL.
  - Spring Cloud was used for microservices product with Spring Security providing API security.
  - Complex subscriber based logic was efficiently designed and handled.
- Spring Boot is the main back end framework and functional logic is developed using Java 8.
- Communicate with C++ libraries using RabbitMQ for tapping call details and subscription charging. RabbitMQ was also used between other third party services.
- Sending flash message to msisdn was done using SMS and USSD. SMS was implemented using JSMPP and USSD was implemented using Telscale USSD Gateway.
- Rest APIs were used for inter service communication and also for serving data to third party systems,
- JWT based Authentication and Authorization using Spring Security.
- Used Spring caching where ever necessary to avoid unnecessary database calls and make the flow faster.
- Deployment to development environments done using Jenkins in order to save manual deployment time.

2) Company Name: Thakral One Solutions Pvt Ltd

Senior Software Engineer

August 2017-October 2019

## **PROJECT EXPERIENCE:**

Project: Single Source of Truth

Location: Bangalore, India

Client: AT&T

### **Project Abstract**

Single Source of Truth is a system which is supposed to merge existing ticketing architecture of multiple dependent ticketing systems into a single place so that all tickets will be viewed and acted upon from one single place.

### **Responsibilities:**

- Write efficient, performance oriented, complex MongoDB queries.
- Write shell scripts, nodejs scripts, spring boot app to fetch data from MongoDB and load into MySQL to be visualized using Grafana.
- By using open source visualization tool, costs on using commercial visualization tools were saved and our efforts were well appreciated. Our team developed such critical Grafana reports which were followed by stake holders to benchmark the project progress.
- Developed a POC attendance project using Spring Boot and MongoDB for back end which was supposed to be make over for the existing old attendance tracker.
- Develop REST APIs for few POC and billed projects where MongoDB and MySQL was the DB.

3) Company Name: Huawei Technologies India Pvt Ltd

Technical Service Engineer

August 2011-September 2016

**Note:** August 2011-December 2012 worked with Huawei Technologies in contract position.

## **PROJECT EXPERIENCE:**

**Project:** Data Warehouse (DWH) System, Dynamic Tariffing System, Dealer Relationship Management

Role: DWH System Engineer.

Duration: August 2011 to September 2016

Location: Bangalore, India.

Client: Airtel India, Tigo Chad, Nepal Ncell, Malaysia Digi, Airtel Nigeria and others.

### **Project Abstract**

Data Warehouse System is a system used for reporting and data analysis, and is considered as a core component of business intelligence environment. DWs are central repositories of integrated data from one or more disparate sources. They store current and historical data and are used for creating analytical reports for knowledge workers throughout the enterprise.

## **Responsibilities**

- Analyze the report requirements sent from onsite and check whether report can be generated based on the available data sources.
- Prepare mapping documents for the report to be generated and clarify requirements from development and test teams.
- Develop new reports using BI as per the requirement.
- New report development involves writing Java code for reporting tool framework to handle as per requirement, write PLSQL stored procedure logic to get the required report fields and developing the reporting template in Reporting Portal.
- Much of the challenge was in modifying existing code so that it does not have any side effects on already implemented reports.
- Test Stored Procedures, ETL and data generated in reports.
- Perform and sign off Functional tests with customer team.
- For a year involved in a product called Dealer Relationship Management where I used to handle team of 5 people to maintain the product along with customization.