Pola Someshwar

Java Developer

Hyderabad , TS

+91 9381443467

pola.someshwar@tcs.com

# SKILLS

**Programming Languages** : Java , SQL , Python

**Frameworks** : Spring Framework , Hibernate

**Containerization & Orchestration** : Docker ,Kubernetes

**Database** : MySQL, Redis

**Tools** : GIT , Apache Maven , EclipseIDE

**Operating System** : Linux

# WORK EXPERIENCE

## Tata Consultancy Services, Hyderabad *- Java Developer*

July 2022 - PRESENT

* Development of API using Spring Boot for real-time device location verification, enabling efficient UE location tracking.
* Designed and implemented Katana Slice Manager enhancements using Java Spring Boot, optimizing slice creation and management with AWS integration.
* Configured EFK stack on Kubernetes for centralized log management and developed Java Spring Boot app for log ingestion.
* Developed a Redis microservice for platform engineering, featuring a Dockerized CRUD API deployed on a Kubernetes cluster and implemented Kafka for publish/subscribe functionality.

# PROJECTS

1. **Device Location Verification**:

* Developed a RESTful API using Spring Boot to verify device location based on longitude and latitude of user equipment (UE).
* Created a front-end using React.js to display device location data.
* Implemented real-time updates for UE location.

2. **Slice Management**:

* Utilized Katana Slice Manager to create and manage slices for network services.
* Set up Katana Slice Manager for the organization and integrated AWS support.
* Designed and implemented Java Spring Boot components to enhance slice management capabilities.

3. **EFK Logging Service**

* Played a key role in setting up an EFK (Elasticsearch, Fluentd, Kibana) stack on Kubernetes for centralized log management.
* Designed and configured Fluentd to collect and forward application logs to Elasticsearch.
* Developed a Java Spring Boot application to write logs to the EFK setup, enabling comprehensive log monitoring and analysis.

4. **Caching Service**:

* Developed Redis as a common service as part of Platform Engineering.
* Built a CRUD API using Java Spring Boot to interact with the Redis database.
* Containerized the Java application and created Docker images.
* Orchestrated deployments over a Kubernetes cluster to ensure scalability and high availability.

5. **Publish/Subscribe Service**:

* Designed and implemented a publish/subscribe system using Java Spring Boot and Kafka for real-time data processing.
* Developed consumer and producer applications to handle event-driven data flow.

6. **Script Generator**

* Designed Java Application which genetates test script using specification documents through Azure AI.

# EDUCATION

## SASTRA University, Thanjavur *- B.Tech Computer Science*

July 2018 - July 2022

* CGPA - 8.54

## Sri Gayatri Junior College, Hyderabad *- MPC (XII)*

June 2016 - May 2018

* Percentage - 98.8

## Gowtham Model School, Bhuvanagiri *- SSC*

May 2016

* CGPA - 9.2

# ACHIEVEMENTS

* Achieved 2nd Position in TCS JAVA IRA Exam.