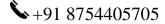


ramendraarjun@gmail.com



## **Objective**

To obtain a creative and challenging position in an organization that gives me an opportunity for using & enhancing my knowledge and talent, while contributing to the symbolic growth of the organization with my technical, innovative and logical skills.

## Summary

- 1. 5+ years of experience in SDLC including requirement gathering, design, implementation, testing and maintenance in the Healthcare Serviceability domain/ IoT and Banking Sector.
- 2. Strong development, support, design and domain experience in health care systems (IoT) serviceability domain.
- 3. Strong hands on experience in micro-services architectures and using different technology stacks (Docker, PCF & Spring Cloud) and also experience in building and delivering SaaS.
- 4. Well experienced in Spring framework (Dependency Injection, Spring MVC, Spring DAO, Spring ORM using Hibernate).
- 5. Well experienced in the Principles of Software Engineering (such as SOLID) also commonly used design patterns such as Factory Pattern, Builder Pattern, Service Locator Pattern, etc.
- 6. Well experienced in unit testing and mocking concepts.
- 7. Good understanding of technologies, design patterns with excellent logical and analytical skills focused towards delivering end products that create business values.

#### **Technical Skills**

Java, Springboot, Docker, JPA, Microservice, MySQL, RabbitMq, Junit, REST API, Web Socket, Data Structures, Algorithms, Multithreading, Hibernate, Rate Limiting, PGSql

## **Tools**

TFS, Postman, STS, Swagger, Ec2(AWS), IAM(AWS), Maven, PCF, Git

## **Experience**

**Company**: Philips (PIC, Bangalore)

Role : Software Engineer II (R&D department)

Period : August 2019 – Present

**Project**: Remote Software Management

Product Description: Allows remote monitoring of medical devices. Enables troubleshooting, firmware

updates and live monitoring.

- Contributed to the development and enhancement for multiplemicroservices using Java, Springboot, RabbitMq.
- Worked on multiple POCs with respect to Docker, RabbitMQ, Schedulers, Dead Lettering in RabbitMQ, MQTT.
- Collaborated with architects to create LLDs for multiple feature developments and modified existing LLDs to support new features.
- Customer support for production issues.

**Company**: MCCI Corporation

**Role** : Software Engineer

**Period**: December 2017 – July 2018

**Project 1**: Auroville Project

**Language**: Embedded C/C++ **Tools**: Arduino IDE

- Interfaced the RC601 water pressure sensor to Catena 4450 boardusing an I2C Mux.
- This project helps client monitor water levels in wells remotely.

Provided cloud support for the metrics using The Things Network and Cayenne Dashboard.

#### Project 2: Accord Waters, Mumbai

**Language**: Embedded C/C++ **Tools**: Arduino IDE

- Achieved communication between a modbus 485 water flowsensor and Catena 4450 using the modbus RTU library to communicate over a serial communication channel.
- This helped the Mumbai Corporation regulate water flow to buildingsbased on usage.
- Responsible for marketing the Catena 4450, 4551 and 4460boards at the 2<sup>nd</sup> Internet of Things Expo, Delhi (2018).

**Company**: Nexustree Consultancy Services

**Role** : Software Developer

**Period**: December 2016 – December 2017

**Project**: ATM Log Analysis Tool (Hitachi Omron Terminal Solutions)

**Language**: C++ **Tools**: Visual Studio

- Developed a command line operated ATM transaction log analyzer tool used to automate analysis for large ATM generatedtransaction logs.
- Followed a V Model approach for development, which consisted of requirement analysis, planning, design, programming and testing.

## **Personal Details**

• DOB: 16/05/1994

• Languages known: English, Hindi, Tamil

• Hobbies: Reading, Gaming, Travelling

# Education

#### **M.E in Internet of Things (2018 – 2020)**

Manipal Institute of Technology, Manipal

# **B.E in Electronics & Communication** (2012 - 2016)

Sri Venkateswara College of Engineering, Chennai

12<sup>th</sup>

SBOA Matric, Chennai

## 10<sup>th</sup>

Somerville School, Noida