Arjun Ramendra

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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 2nd 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 TerminalSolutions)

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

12th
SBOA Matric, Chennai

10th
Somerville School, Noida