**INTERVIEW EXPERIENCE**

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| Profile | Java + Microservices |
| Candidate Name | Madhankumar K |
| Parent Company | Altimetrik |
| Scheduled Date & Time | 23/12/2019, 3:00 PM – 4:00 PM IST |
| Interviewer | Arunkumar |
| Mode | Telephonic |

**Note: The below are the overall interview experience what I had and the answers may not be accurate. I kindly request to you go through the questions and find better answers yourself to keep up you more strong.**

1. **Tell me a quick about yourself. Especially the recent project and techstack?**

About myself.

SpringBoot, Apache Camel, Java, Java8, Rabbitmq, Rediscache, Hibernate etc., There by it is started with questions about the tech stack and concepts.

1. **What are all the SpringBoot annotations used?**

@SpringBootApplication, @Componenet, @Service, @Configuration, @Repository et.,

1. **What is the difference between @Component and @Service?**

Explained that there is no functional difference, it is semantically identifying the class as different type of beans.

1. **What are the ways of injecting a bean? How will you do that?**

Constructor injection, Setter injection. @Autowired is used for injection

1. **How will you test the individual component?**

Mockbean. Kindly elaborate yourself.

1. **How will you test the remote requests and database connection?**

We can have a test profile with embedded db, cache, mq configured in it and we can test the rest calls with mockmvc or testresttemplate.

Haven’t tested the remote calls. Need to explore more.

1. **How do microservices communicate?**
2. Rest Based or HTTP Based communication
3. Message queues
4. Remote procedure calls
5. **What is @Transactional annotation you do?**

It is a declarative transaction management where I used at class level to rollback every action written at class level.

1. **What is onetomany relationship in hibernate? How do you lazyload?**

It is a parent to child entity mapping and fetch mode is set to lazy. Whenever the getter of the children is called the proxy object of hibernate loads the children lazily.

1. **What will happen if the connection is closed when lazyload ?**

Lazy Initialization exception will occur.

1. **Ok, By the way do you have any dev ops experience and tell me about what do you know about?**

No, we used to connect with devops team. Yet I have started learning dev ops tools nowadays.

1. **What versioning system do you use?**

BitBucket(Git), Github (Git)

1. **I think I have finished of my discussion. Do you have any questions with me?**

Asked about the tech stack, day to day work, process methodology being followed, domain details.