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Ayesha Begum D A

Career Objective

To be involved in Design & Development of software in IT industry which is functionally challenging, where there is high level of learning involved and which motivates me to bring out the best from me in a productive and efficient manner.

Professional Summary

- Having 7 + years of experience in designing, developing and deploying enterprise-level applications using microservices architecture and Spring Boot framework using the Technologies like **Core Java, Spring Framework, Apache Kafka, and Spring Boot.**
- Experience in developing REST API's using Spring Boot and **Microservices.**
- Having knowledge on **Docker** and **Kubernetes.**
- Experience with ORM tool **Hibernate.**
- Experience with databases like Oracle and **Couchbase DB.**
- Experience in creating test cases using **Junit.**
- Working in Agile Scrum methodology for software development.
- Good skilled in debugging, analyzing and designing the solution of products.

Employment History

- **IBM** (Bengaluru) as Application developer from May 2021 to till date.
- **Infosys** (Bengaluru) as Technology Analyst from Mar 2019 to May 2021.
- **DXC Technologies** (Bengaluru) as Software Engineer from Nov 2016 to Feb 2019.

Professional Qualification

B.Tech from SVCET affiliated to JNTU Anantapur in 2016.

Technical Skill

Technologies	Java 8, Spring Boot, Microservices
Frameworks	Spring, Hibernate, Junit.
Development Tool	Eclipse, STS, IntelliJ
Operating Systems	Windows, MacOS, Unix.
Database	Couchbase, Oracle
Tools & Version Control	Jenkins, Docker, Kubernetes, Postman & GIT

Professional Project Details

Project:1	Change Discovery Engine (Amadeus Labs)
Client	Amadeus Labs
Role	Developer
Technology	Java, Spring Boot, Microservice, Apache Kafka, Couchbase, Rest API
Tools	Maven, Git, Jenkins, Docker, Kubernetes, Grafana, Splunk.
Team Size & Duration	9 & July 2022-Till Date

Project Description:

This project is ACRS products which is being developed for customers like Intercontinental Hotel Groups (IHG), **MGM** resorts, **Marriot**.

- Working on large scale application and distributed system with high throughput which are serving millions of requests.
- Part of **Change Discovery Engine (CDE)** component which handles the changes for any rate, inventory of a particular hotel and updates the pull vendor like Kayak and push vendor like Expedia.

Responsibilities:

- Implemented Couchbase scopes and collections into component for segregation of data between different customers.
- Designed and enhanced the existing kafka consumers to support multiple clients.
- Identified reasons for high kafka lags and optimized application performance by analysing heap dumps.
- Implemented RESTful APIs for seamless integration with external systems and services.
- Conducted code reviews and provided constructive feedback to team members to ensure code quality and adherence to coding standards.
- Resolved complex technical issues (Kafka Lag, Couchbase index) and bugs in a timely manner, ensuring smooth operation of critical systems.
- Involved in infrastructure changes like pod calculations for one of the client requirements.

Project:2	CADM (IBM)
Client	AT & T
Role	Developer
Technology	Java, Spring Boot, Microservice, Hibernate Rest API.
Tools	Maven, Git, Jenkins, Docker, Kubernetes, Splunk.
Team Size & Duration	5 & (June 2021 - July 2022)

Project Description:

Hierarchy micro service enables clients to create a new customer from H node to SA node and to modify the existing customer at any node. Also supports to retrieve the node details. Order Load microservice interface to enable clients to create Network

Inventory, Site and Port in CADM and Maintain charges at every inventory and also it supports for retrieving Inventories and charges.

Responsibilities:

- Analyzing on the User stories assigned for every new requirement.
- Worked on Junits for testing.
- Building, deploying and testing the applications in dev.
- Debugging on the pipeline issues occurred during build and deployment.
- Working and fixing on QA bugs, UAT and Production issues if any.
- Creating SIA's and integrating with external teams.
- Responsible for supporting and advising QA team in testing various functionalities.

Project:3	Runner App (Infosys)
Client	Apple
Role	Developer
Technology	Java, Spring Boot, Microservice, Apache Kafka, Elastic Search, Rest API, Functional Configuration
Tools	Maven, Git, Docker, Splunk.
Team Size & Duration	6 & (June 2019 - May 2021)

Project Description:

Runner app is an Apple Store app, used to fulfil the requests created by store employees when Customer wants to buy a product. This app will have complete track on the movement of the product from BOH to FOH.

Responsibilities:

- Designing Functional Specification document and flow diagrams of various approaches using sequence diagram.
- Developed various business logics using Java 8, Spring Boot, Microservices.
- Worked on Hibernate on any data base operations.
- Involved in development of IDL release, EVO release, ConnectedPhones, AAPU, COVID Project
- Created and updated indexes of elastic search in dev.
- Worked on resolving major issue occurred during upgradation of elasticsearch jar from 6.8 to 7.3.2

Project:4	Telstra (DXC Technologies)
Client	Telstra
Role & Technology	Java Developer
Tools	Maven, Git.

Team Size & Duration	10 & (Jan 2017 - Feb 2019)
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Project Description:

Lolo stabilization is decoupling of Lolo legacy application with the Lolo NBN application so that when any of the systems goes down, both applications withstand alone and support the services which are needed for Telstra business process. This improves the customer experience and helps the business to maintain their data in cost-effective way.

Responsibilities:

- Interact with the client to understand the functional requirements.
- Involved in Design and implementation of Admin Functionality Tab using Java, J2EE and JDBC.
- Worked on SonarQube for code quality.
- Designed UIDD document for easy understanding of the functionality to clients.
- Provided automation scripts developed in java to Testing team.
- Involved in the defect fixes of the p