AJAY CHAURASIA

(Software Engineer)

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Summary:

- Having **2.9 years** of professional IT experience in analysing, designing, developing applications using technologies like **JAVA, Spring Boot and Microservices.**

- Good knowledge of **Object-Oriented Programming** and basics of **Data Structures**.

- Deep technical experience on developing **REST APIs** using **Spring Boot** and deploying the **Docker** containers to **AWS**.

- Experienced in Middleware persistent frameworks like **Spring Data JPA** using **Hibernate** implementation and logging mechanisms like **log4j** and **slf4j** frameworks.

- Good Experience in writing **Junit** test cases along with exposure on **BDD(Cucumber)**.

- Configured **ELK** stack, **Logstash** to ship log files to **Elasticsearch** as an event, and build visualization and dashboards using **Kibana**.

- Configured **Kafka** to be used as a messaging system and configured **Jenkins** for continuous integration and deployment.

Technical Skills:

Operating Systems	Linux(Ubuntu,CentOS), Windows 10
Java & Web Technologies	Core Java, Adv Java, Basics of Python.
Frameworks	Spring Boot, Spring Data JPA, Hibernate
Tools & Utilities	Eclipse, IntelliJ, Maven, Log4j, Sleuth, Zipkin, Elasticsearch, Logstash, Kibana, Junit(Mockito), Git, Bitbucket, Postman, Docker, Jenkins, Cucumber, JIRA, Keycloak/Okta(SAML).
Database Tools	Oracle DB, MySQL, IBM DB2
Application Servers	Apache Tomcat, Amazon EC2.
Methodologies	Agile, Scrum, Behavioural Driven Development (BDD)
Domain Knowledge	Financial Services.

Professional Experience:

Company: Finastra Software Solution Pvt Ltd (September 2018 –October 2020)
Role   : Backend Developer
Projects:

1. Fusion Essence Digital Branch.

✦ Exposure of **REST APIs** using **Spring Boot** with the implementation of **Microservices** for the modules.
✦ Persisted objects using **Spring Data JPA** with the ORM vendor (**Hibernate**) and **Maven** as the build tool**.**
✦ Configured logging and distributed tracing system using **log4j** and **sleuth**.
✦ Used **Zuul API Gateway** for API Security, as well as a **load balancer**.
✦ Used **Eureka** as a **Discovery Server** and to view system metrics and microservices health.
✦ Used **Spring Cloud Config Server** to maintain a centralized configuration for the application.
✦ Used **ElasticSearch** as the search engine and querying data using ElasticSearch QueryDSL.
✦ Configured **Filebeat** to push logs to ElasticSearch for tracing purpose.
✦ Used **Kibana** to visualize data using the received logs in the form of charts and graphs.
✦ Configured **Kafka** to be used as messaging system and evaluated the functionality of the application using the tools like **Junit(Testing)** and **BDD(Cucumber)** frameworks. ✦ Used **Docker** containers to deploy our application software in **AWS EC2** environment.

2. Capacity Planner.

✦ Exposure of **REST APIs** using **Spring Boot** with the implementation of **Microservices** for the modules via **API Gateway Design Pattern**.
✦ Persisted objects using **Spring Data JPA** with the ORM vendor (**Hibernate**)**.**
✦ Used **MySQL** as the database system for data storage and **Maven** as the build tool.
✦ Configured logging and distributed tracing system using **log4j** and **sleuth**.
✦ Used **Zuul API Gateway** for API Security, as well as a load balancer.
✦ Used **Eureka** as a Discovery Server and to view system metrics and microservices health.
✦ Used **Spring Cloud Config Server** to maintain a centralized configuration for the application. ✦ Configured **Kafka** as the messaging system to send messages to the client.
✦ Wrote **Postman** test scripts to evaluate the exposed REST APIs with different inputs and **JMeter** to evaluate the performance metrics.
✦ Used **Jenkins** for continuous integration and **Docker** containers to deploy our application.

Company: Wipro Ltd (November 2020–till)
Role   : IAM/Backend Developer

Academic Profile:

✦ B.Tech (CSE),Lord Krishna College of Engineering, Ghaziabad, Uttar Pradesh,2018
✦ Intermediate, Dehradun Public School, Ghaziabad, Uttar Pradesh, 2014
✦ High School, Ryan International School, Ghaziabad, Uttar Pradesh, 2012