

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:

Small Scale Project:

Pre-paid/Rechargeable Shopping Card System (Jun 2018)

This web app is developed for the “Balaji Multistore - Greater Noida” by using the MVC Pattern html, css, javaScript, bootstrap, Servlet/JSP and MySQL.

Features: One-way Encryption used (SHA1), Java mailing, OTP generation, Database to Excel sheet data transfer, Multiple Login Restriction with same id and shorthand key feature to route main dashboard.

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.

3. CBS (Core Banking System) Product API EXPOSE.

- ✦ Exposure of **CBS APIs** using **Spring Boot** with the integration of **Existing Legacy Code**.
- ✦ SAP Crystal Report Creation.

Reference links:

Collateral Assignment:

<https://developer.fusionfabric.cloud/api/retail-banking-collateral-assignment-v1-70236502-c610-47ce-b57b-bc7e7a2b9be2/docs/>

CASA:

<https://developer.fusionfabric.cloud/api/retail-banking-current-and-savings-account-onboarding-v1-c650b7cd-6a93-49d7-9f51-17189204a99e/docs/>

Company: Wipro (Nov 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