

Shivam Chouhan

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PROFESSIONAL SUMMARY

Java Developer with 2+ years of experience designing and developing scalable microservices using **Java 8+**, **Spring Boot**, and **REST APIs** in the **insurance domain**. Proven expertise in end-to-end SDLC, performance optimization, secure application development using Spring Security, and database management with JPA/Hibernate. Hands-on experience in Agile delivery, CI/CD pipelines, and deploying applications on AWS, with a strong focus on building reliable, maintainable, and high-performance systems.

EXPERIENCE

Programmer Analyst

Apr 2022 – Aug 2024

Client: AIG – Insurance Policy Management System

India

- Owned development and maintenance of **10+ Spring Boot microservices** using Java 8+, supporting the end-to-end insurance policy lifecycle (issuance, renewal, endorsement, cancellation) and improving system scalability by **30%**.
- Designed and consumed **20+ RESTful APIs** for policy, customer, claims, and premium calculation modules, reducing average API response time by **35%**.
- Implemented **Spring Data JPA and Hibernate** with optimized queries and indexing, improving database performance by **40%** for high-volume policy transactions.
- Secured applications using **Spring Security** with JWT-based authentication and role-based authorization, supporting 3+ user roles and eliminating unauthorized access incidents.
- Managed build automation through Maven, version control using **Git**, and continuous deployment with Jenkins.
- Provided production support, including log analysis, defect fixes, and performance tuning, ensuring high availability and stability of applications in live environments.
- Actively participated in **Agile/Scrum ceremonies**, collaborating with cross-functional teams to deliver high-quality releases on schedule.

TECHNICAL SKILLS

Languages: Java 8+, SQL

Frameworks: Spring Boot, Spring Data JPA, Spring Security, Hibernate, JUnit

Developer Tools: Git, Docker, JIRA, Postman, IntelliJ, Eclipse

Databases: MySQL

Cloud: AWS(S3,EC2,SES)

Architecture: Microservices, REST APIs

PROJECTS

Insurance Policy Management System | Java, Spring Boot, Microservice, MySQL

Apr 2022 – Aug 2024

- Developed backend microservices for policy creation, renewal, endorsements, and claims processing using Java and Spring Boot.
- Centralized application configuration using **Spring Cloud Config**, improving environment consistency across deployments.
- Implemented global **exception handling** and validation mechanisms to enhance system stability and error traceability.
- Applied **SOLID principles** and clean coding practices to improve maintainability, readability, and scalability of the codebase.
- Designed and implemented RESTful APIs to enable seamless integration between policy, claims, and customer modules.
- Managed distributed configurations via Spring Cloud Config and ensured uptime monitoring using Spring Boot Actuator.
- Ensured adherence to enterprise security and compliance policies throughout the development lifecycle.

EDUCATION

Chameli Devi Group of Institutions

Bachelor of Technology in Information Technology

Indore, MP

Aug. 2017 – May 2021