SANTHOSH S

Java Developer

📞 +91 8147007486   @ hackersanthu01@gmail.com   📍 Bangalore

SUMMARY

Experienced Java Developer with 3.1 years of expertise in Java 8, Spring Boot, and Microservices architecture, dedicated to building scalable and high-performance backend solutions. Skilled in designing and implementing RESTful APIs, optimizing application performance, and enhancing data management with Spring Data JPA and Hibernate. Proficient in Kafka for developing event-driven systems that enable seamless communication within distributed microservices. Known for delivering robust, reliable solutions that support complex enterprise requirements, I am prepared to bring value to a development team by driving efficiency, scalability, and resilience in software architecture.

EXPERIENCE

2021 - Present

Bangalore, India

Java Developer
Mphasis

- As a Java Developer with 3.1 years of hands-on experience, I have built a strong foundation in **Java 8**, **Spring Boot**, **Microservices**, **Kafka**, **Spring Data JPA**, **Hibernate**, **MySQL**, and **AWS**. I have a proven track record in **designing and implementing scalable backend solutions**, delivering **high-performance RESTful APIs**, and optimizing systems to meet enterprise-level demands.
- My work leverages **Kafka** to implement robust **event-driven architectures** that facilitate seamless communication across distributed microservices. I utilize **microservices architecture** to create modular, maintainable systems, enhancing the flexibility and scalability of applications. My experience with **MySQL** enables efficient data management, while my knowledge of **AWS** supports cloud deployments that ensure scalability and resilience in dynamic production environments.
- Throughout my career, I have honed my skills in **troubleshooting complex issues**, **optimizing performance**, and delivering **reliable software** solutions that drive business success. My proactive approach to backend development allows me to make significant contributions to team goals and align projects with strategic objectives, adding tangible value to each initiative.

EDUCATION

Bangalore, India

Bachelor of Engineering in Computer Science
Visvesvaraya Technological University

SKILLS

| Java | Spring Boot | Microservices | Hibernate | Spring Security | Rest API | MySql | Kafka | Redis |

| React.js | JavaScript | Maven | JWT | Oauth2.0 | Swagger API | AWS |

PROJECTS

Healthcare Analytics Platform

📅 2021 - Present   📍 Bangalore, India

- I contributed to the development of a **Patient Management System** (PMS) designed to optimize healthcare operations by providing seamless management of patient data, **appointment scheduling**, **electronic health records (EHR)**, **billing**, and **inventory tracking**. This system enhances **patient care** by enabling healthcare providers to access comprehensive patient histories, facilitating better **decision-making** and improving overall **workflow efficiency**.
- The PMS ensures **data security** by adhering to healthcare standards such as **HIPAA** and **GDPR**, protecting sensitive patient information through encryption and secure access protocols. Additionally, it integrates **real-time analytics** and **reporting** to help healthcare providers make informed decisions and improve operational performance.
- Through this project, I utilized my skills in **backend development**, ensuring the platform was scalable and efficient. My expertise in **data management** and **security** allowed me to help develop a system that reduces administrative overhead, streamlines processes, and directly contributes to improved **patient outcomes**.

ROLES AND RESPONSIBILITIES

Backend System Development: Designed and developed scalable backend systems to manage complex **patient data** and facilitate real-time updates. Developed **RESTful APIs** to integrate internal services with external healthcare platforms efficiently.

Microservices Architecture: Designed and implementation of a **microservices architecture**, ensuring system flexibility and scalability. Leveraged **Kafka** for **asynchronous communication**, enabling seamless event-driven processing between microservices.

Database Optimization: Utilized **MySQL** and **Spring Data JPA** to design efficient database schemas and optimize data retrieval for high-performance querying and transaction management across large-scale healthcare data systems.

Performance Optimization: Focused on reducing **latency** and enhancing system performance through **database query optimization**, **caching mechanisms**, and resource-efficient coding practices to ensure seamless application speed.

Collaborative Development: Worked closely within an **Agile environment** to prioritize tasks, conduct code reviews, and ensure that the development process met both technical requirements and business goals.

Monitoring & Maintenance: Proactively monitored the performance of deployed systems, utilizing **logging** and **metrics** to identify potential bottlenecks. Provided ongoing **maintenance** and updates to ensure system stability, ensuring optimal uptime and user satisfaction