MD. SAJID

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JAVA BACKEND DEVELOPER

Java Backend Developer with 3.2 years of extensive experience in designing, developing, and deploying robust, scalable applications using Java Spring Boot ecosystem. Proven expertise in Microservices Architecture, REST APIs, and cloud technologies. Strong background in full software development lifecycle using Agile methodologies. Seeking to leverage technical skills and experience in a challenging Java Backend Developer role.

WORK EXPERIENCE

Java Developer, Paxcom India (P) Ltd 3.2 Years

TECHNICAL SKILLS

Programming & Frameworks

- Java: Java 8, 11, 17
- Spring Framework: Spring Boot, Spring MVC, Spring Security, Spring Cloud, Spring Data JPA
- ORM: Hibernate, JPA
- Architecture: Microservices, RESTful APIs

Database

- SQL: MySQL, ER Diagrams, Database Design
- Database Tools: MySQL Workbench

Cloud & DevOps

- AWS: EC2, S3, IAM
- Containerization: Docker
- CI/CD: Jenkins
- Version Control: Git, GitHub

Messaging & Communication

- Message Brokers: Apache Kafka
- Service Communication: Feign Client
- Service Discovery: Eureka Server
- API Management: API Gateway

Security

- Authentication: JWT (JSON Web Tokens)
- Authorization: Spring Security, Role-Based Access Control (RBAC)

Tools & Platforms

- Development Tools: IntelliJ IDEA, Spring Tool Suite (STS)
- Build Tools: Maven, Gradle
- API Testing: Postman, Swagger/OpenAPI
- Project Management: JIRA, Agile Methodology
- Testing: JUnit 5 , Mockito

Monitoring & Logging

- Logging: SLF4J
- Distributed Tracing: Zipkin
- Application Monitoring: Spring Boot Admin

Methodologies

- Agile: Scrum (Sprint Planning, Daily Stand-ups, Sprint Reviews, Retrospectives)

PROFESSIONAL EXPERIENCE

inductionhealthcare.com(ZESTY)

Duration: 3.2 Years
Architecture: Microservices | Domain-Driven Design | Event-Driven
Methodology: Agile (Scrum) | Daily Standups | Sprint Planning via JIRA

TechStack:
Spring Boot, Spring Security, JWT, Hibernate (JPA), Kafka, Feign Client, Stripe SDK, Docker, AWS (EC2, S3), API Gateway, Eureka Server, Zipkin, Admin Server, MySQL, Twilio, GitHub, Maven, Mockito, JUnit 5 SLF4J

Role & Responcibilities:

- **Foundation & Architecture:** Architected a cloud-native microservices ecosystem using Spring Boot, comprising 10+ independent services. Established the core infrastructure with Spring Cloud Netflix Eureka for service discovery and an API Gateway for centralized routing and security. Implemented Spring Cloud OpenFeign for declarative RESTful interservice communication, creating a scalable and loosely coupled foundation for the entire platform.
- **Data Modeling & Persistence:** Designed the domain logic and data persistence layer for all services using Spring Data JPA with MySQL, ensuring efficient data integrity and complex query handling for healthcare workflows like appointments and patient records.
- **Core Security & Access Control:** Engineered the User Management Service with JWT-based authentication and fine-grained Role-Based Access Control (RBAC) to securely manage identities and permissions for patients, clinicians, and administrators, ensuring compliance with healthcare data standards.
- **Business Logic Implementation:** Developed the core Appointment Management Service to handle the complete business lifecycle, including booking, rescheduling, and status updates, forming the central workflow of the application.
- **Payment & Financial Integration:** Integrated Stripe into the appointment system to handle consultation fees, implementing secure payment verification, status tracking, and refund processing to automate the platform's revenue cycle.
- **Asynchronous Communication & Notifications:** Enhanced system decoupling and user engagement by integrating Apache Kafka. Built a Notification Service that leverages Kafka for asynchronous processing and Twilio for delivering SMS and in-app alerts for appointment reminders and clinical updates.
- **Deployment, DevOps & Monitoring:** Containerized all services using Docker and established a robust CI/CD pipeline with Jenkins for automated testing and deployment. Deployed the application on AWS EC2 with load balancing and used S3 for secure document storage. Implemented comprehensive monitoring with Spring Boot Admin and distributed tracing with Zipkin to ensure production system observability and reliability.

EDUCATION

B.Tech, Information Technology (8.92) 2019-2023