Aarti Shukla

SOFTWARE ENGINEER

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PROFILE SUMMARY

Results-driven Software Engineer with 5 years of experience in backend development using Java, Spring Boot, Microservices, and Kafka. Skilled in secure API development using JWT and Spring Security, and proficient in designing scalable systems deployed via Docker and Kubernetes. Also experienced with Angular (1 year), cloud services (AWS), and CI/CD automation using Jenkins and GitHub Actions. Delivered high-performing modules for a large-scale hotel booking system. Open to challenging backend or full-stack roles in innovative environments.

TECHNICAL SKILLS

Languages: Java, SQL, TypeScript, JavaScript, HTML, CSS

Backend: Spring Boot, Spring MVC, Spring Security, Hibernate, JPA

Frontend (1 yr): Angular

Microservices: REST APIs, Eureka, Feign, Resilience4j

Messaging: Apache Kafka

Security: JWT, Spring Security, Role-Based Access

DevOps: Docker, Kubernetes, Jenkins, GitHub Actions

Cloud: AWS EC2, RDS, S3, IAM

Databases: MySQL

Monitoring: SLF4J (Logging), Zipkin (Tracing), Spring Boot Admin

Testing: JUnit, Mockito, Postman, Swagger

Tools: Git, GitHub, IntelliJ, Maven

Methodologies: Agile (Scrum), JIRA

PROFESSIONAL EXPERIENCE

Software Engineer | Unitrans Infotech Services | 5 years

Project: Hotel Booking Platform (Airbnb)

Tech Stack: Java, Spring Boot, Angular, Kafka, Docker, Kubernetes, Jenkins, AWS, MySQL

Role: Full Stack Developer (Backend-Focused)

- Designed and developed microservices for Booking, User, Payment, and Notification systems using Spring Boot.
- Secured APIs using Spring Security with JWT and implemented RBAC (Role-Based Access Control).
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- Integrated Apache Kafka for event-driven architecture between Booking and Notification modules.
- Built Angular (1 year) interfaces for user registration, booking flow, and admin dashboard.
- Containerized applications using Docker and deployed on AWS EC2 with Kubernetes for scalability.
- Implemented CI/CD pipelines using Jenkins and GitHub Actions for automated deployment.
- Used AWS services like RDS, S3, EC2, IAM for application hosting and file storage.
- Collaborated in Agile sprints with cross-functional teams using JIRA and Confluence.

PROJECT HIGHLIGHTS

- **Authentication Service:** JWT-based secure login/signup with Spring Security.
- **Room Management:** Dynamic room listings with filters (price, location, rating)**.**
- **Booking Module:** Real-time booking, cancellation, and refund workflows.
- **Payment Integration:** Simulated third-party payment and status update post-payment.
- **Notification Module:** Kafka consumer to send booking and payment alerts via email/SMS.
- **Admin Panel:** Angular dashboard to monitor and manage bookings, rooms, and revenue.

STRENGTHS

- Strong backend expertise with microservices and messaging systems.
- Hands-on experience with DevOps and cloud deployment on AWS.
- Quick learner with a growth mindset and strong problem-solving abilities.
- Comfortable working in fast-paced, collaborative Agile environments.