Madansingh Deora

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PROFESSIONAL SUMMARY

Java Developer with 4+ years of experience in designing and delivering **scalable, high-performance enterprise applications** across **BFSI and Airline Cargo domains**. Skilled in developing **robust backend systems, RESTful APIs, and microservices architectures** using **Java, Spring Boot ,Hibernate/JPA , Docker and Kubernetes**. Experienced in **SQL/Oracle databases and DevOps practices (CI/CD, Git)**. Adept at collaborating in **agile environments** to deliver **business-critical solutions** that improve efficiency, compliance, and service reliability.

SKILLS

- **Programming Languages:** Java, Spring MVC , Spring Boot , Spring Cloud, Spring Security, Spring JDBC, Hibernate , HTML and CSS
- **Databases:** MS SQL, Oracle, MySQL PostgreSQL
- **Others:** Restful Webservices , Microservices , RabbitMQ , Kafka ,CI/CD, Docker, Kubernetes, AWS ,Git ,Maven,Jenkins

EXPERIENCE

Software Development Engineer, Accelya Solutions LTD   *November 2024 – present*

- Designed software solutions by analysing system performance standards, increasing performance efficiency.
- Expertise in coordinating with the developers and discussing technical problems , managing software development activities like setting up the environment, creating test scripts/cases and conducting unit testing, bug verification and resolution.
- Contributed to **SkyChain (cargo management system)** and **Service Management (digital control tower for cargo ops)**, used by **30+ global airlines** handling **millions of shipments annually**.
- Optimized modules for **cargo booking, shipment tracking, SLA monitoring, and compliance workflows**, improving processing efficiency by **~15%** using Event-Driven Architecture through Kafka.
- Built and maintained REST APIs and backend services in **Core Java, Spring Boot, Hibernate/JPA**, using multi-threading.
- Improved SLA compliance monitoring by integrating **real-time alerts** and open APIs, reducing operational delays by **~20%**.
- Collaborated with cross-functional teams (business + engineering) to deliver enhancements that reduced manual intervention by ~25%.

Senior Software Engineer, Newgen Software Technologies LTD   *August 2021 - November 2024*

- Implemented rest services using jersey framework, custom utilities using java and integrated them with database using JDBC.
- Implemented SQL procedures to process customer's data according to various business logics.
- Applied many asymmetric cryptography techniques for encryption of sensitive data like AES-256 , MD5.
- Performed system integration and user acceptance testing facilitating on-time, on budget and acclaimed and go live of enterprise applications.
- Led a team of 5 developers in transitioning to a microservices architecture and gave KT to freshers assigned to project.

EDUCATION

Bachelor of Technology (Mechanical Engineering)   *August 2017 -May 2021*
Jaipur National University, Jaipur, Rajasthan   **Percentage – 76.98%**

Class 12th - MSBHSE   *May 2016 – May 2017*
Dnyan Ganga Education trust and Jr College, Thane, Maharashtra   **Percentage - 68%**

Class 10th - MSBSSC   *May 2014 – May 2015*
ST Xavier's High School , Airoli , Maharashtra   **Percentage 86.2%**

PROJECTS

Movie Ticketing Platform

- Built a modular movie ticketing system with theatre onboarding, show scheduling, seat layouts, and booking flows.
- Implemented **concurrency-safe seat locking and booking workflows** using Spring Boot, JPA, and transactional patterns to prevent double bookings during high-traffic operations.
- Containerized services with Docker and enabled inter-service communication to mimic a microservices setup.

ACHIEVEMENTS

- **High Five Award, 2021 at Newgen Software Technologies -** Smooth "Go live" of Policy kit Products within tight timeline provided
- **Rising Star Award, 2022(Annual Award)** at Newgen Software -Integration through product services for on-demand policykit generation