Sumukha S
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GitHub Portfolio: Detailed Resume | LMS Project Link : Library Management System

Senior Java Backend Developer | Spring Boot | Microservices | AWS | Immediate Joiner

Professional Summary

Senior Java Backend Developer with **9+ years of experience** in building scalable enterprise applications and microservices using **Java, Spring Boot, REST APIs, Kafka, and AWS**. Strong expertise in backend system design, API security (JWT/OAuth2), database optimization, and CI/CD automation. Recently delivered multiple production-style full-stack applications using Spring Boot and React, demonstrating continuous hands-on development after a short career break. Proven team lead with experience improving performance, reliability, and delivery timelines.

Core Skills

- **Backend:** Java 8/11/17, Spring Boot, Microservices, REST APIs, JPA/Hibernate.
- **Messaging:** Apache Kafka, Event-Driven Architecture
- **Security:** JWT, OAuth2, Role-Based Access Control (RBAC)
- **Cloud & DevOps:** AWS (EC2, S3, RDS, IAM, CloudWatch), Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins)
- **Databases:** PostgreSQL, Oracle, MongoDB, SQLite
- **Frontend:** React.js, JavaScript, HTML, CSS
- **Tools:** Git, Maven, Postman, JIRA
- **Testing:** JUnit, Mockito, TDD
- **Architecture:** Distributed Systems, API Gateway, Clean Architecture, SOLID principles

Professional Experience

Independent Java Developer (Projects & Upskilling)
Sep 2024 – Present

- Designed and developed **3 full-stack applications** using **Spring Boot, PostgreSQL, React.js, and Kafka**
- Built secure REST APIs with **JWT authentication, role-based access control, pagination, and caching**
- Implemented centralized exception handling, structured logging, and validation
- Containerized applications using **Docker** and practiced **Kubernetes deployment**
- Followed **microservices architecture**, clean code practices, and layered design
- Created CI/CD pipelines using **GitHub Actions** for automated builds and deployments

Projects:

- **Library Management System** – Inventory, users, reporting, role-based access
- **Stock Management System** – Product tracking, order management, dashboards
- **E-Commerce Platform** – Auth, cart, order flow, admin panel

Software Engineer | PairSoft India Pvt Ltd

Jul 2024 – Aug 2024

- Developed backend modules using **Java 8 and Spring Boot**.
- Built and optimized REST APIs for invoice processing workflows
- Improved invoice processing efficiency by **20%** through business logic optimization
- Reduced API response time by improving database queries and service integration
- Participated in code reviews, sprint planning, and production deployments

Software Engineer (Team-Leader) | Groony India Pvt Ltd

Oct 2021 – May 2024

- Designed and implemented **microservices architecture** using **Spring Boot, Kafka, Kubernetes, Eureka**.
- Deployed and monitored services on **AWS**, ensuring performance, scalability, and security.
- Built automated **CI/CD pipelines**, reducing deployment errors by **30%**.
- Optimized Java code and database queries, improving application performance and reducing response time.
- Led a team of **8 developers**, mentored juniors, and ensured successful on-time delivery (**15% faster** project delivery).

Software Developer | Muscle Info Technologies Pvt Ltd

Sep 2016 – Sep 2021

- Developed core banking modules using **Java, Spring Boot, REST APIs**.
- Implemented **OAuth2 and JWT security** for transaction services
- Optimized **Oracle SQL and MongoDB** queries, improving reporting and system performance
- Built reporting modules using **Jasper Reports**, improving report accuracy by **30%**
- Contributed to API Gateway implementation for scalability and fault tolerance

Technical Staff | Manipal Dot Net Pvt Ltd

Jan 2016 – Jun 2016

- Worked on backend services for IoT-based systems
- Developed communication and data processing modules

Embedded Programmer | Maiya's Web Solutions & Co

Sep 2014 – Dec 2015

- Developed embedded modules for automation systems.
- Worked on sensor integration and device-level communication

Key Projects

- **Independent Project | Stock Management System | Jan 2025 – Present.**
- **Library Management System and E-Commerce Platform | Sept 2024 – Dec 2024**
    - **Backend:** Java, Spring Boot, REST APIs, Spring Data JPA, PostgreSQL for data management and security.
    - **Frontend:** React.js integrated with backend services for dynamic UI and user interactions.
    - **Deployment:** Packaged with Maven, deployed on local server, with scope for cloud deployment (AWS).

- o **Key Features:** Authentication, authorization, logging, exception handling, CRUD operations, inventory/order management, reporting dashboards.
- **AP Invoice Automation | PairSoft:**
  - o **Backend:** Java EE + Spring Boot application for automated invoice management.
  - o **Frontend:** JSP + HTML/CSS for user interactions and reporting.
  - o **Deployment:** Deployed with CI/CD pipelines ensuring high availability.
  - o Improved operational efficiency by automating repetitive processes.
- **POWER-K & E-Commerce Platform | Groony India**
  - o **Backend:** Microservices with Spring Boot, Kubernetes, Kafka and Eureka.
  - o **Frontend:** Built internal dashboards and admin screens using **React.js** for monitoring and configuration.
  - o **Deployment:** Automated build & deployment using CI/CD pipelines.
  - o Improved scalability and reduced downtime.
- **E-Bank Software and Core Banking | Muscle Info Tech**
  - o **Backend:** Secure banking APIs with OAuth2 + JWT, Oracle-SQL optimization, RBAC implementation.
  - o **Frontend:** JSP-based web interface with role-specific dashboards.
  - o **Deployment:** Deployed via CI/CD, integrated fraud detection using audit trails.
  - o Enhanced transaction security and fraud monitoring.
- **WYZBEE IoT Module:**
  - o Developed backend in Embedded C with ZigBee/Bluetooth.

Achievements
- Reduced deployment errors by 30% via CI/CD automation.
- Improved team delivery efficiency by **15%** as Team Leader.
- Delivered 100% on-time project delivery as Team-Leader at Groony.
- Mentored junior developers, improving team productivity.

Certifications
- Java Training – Inventateq Info Solution, Bangalore
- Diploma in Embedded Systems – AECTL, Bangalore

Education
- **Bachelor of Engineering (B.E.) in Medical Electronics**, SKIT Engineering College, Bangalore – 2013
- **Diploma in Electronics and Communication (E&C)**, PAPT Engineering College, Mangalore – 2009