

Jayanta Sahu

Java Developer

Email :sahujayantasahu4747@gmail.com,phone:7894070306

PROFESSIONAL SUMMARY

Experienced Java Backend Developer with over 3.6 years of expertise in designing, developing, and maintaining robust backend systems and web applications. Proficient in Java, Spring Boot,microservice, Hibernate, and RESTful web services. Adept at working in Agile environments, collaborating with cross-functional teams to deliver high-quality software solutions, and ensuring data integrity and security. Proven ability to optimize performance and drive continuous improvements.

TECHNICAL SKILLS

Languages: Java, SQL

- Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, Apache Kafka
- Web Technologies: JSP, JSTL, HTML, , AJAX, Thymeleaf,
- Web Services: REST, SOAP, Microservices
- Databases: MySQL, AWS RDS, PostgreSQL, MongoDB
- Tools: STS, IntelliJ, Eclipse, Postman, Git, GitHub, JIRA, Docker, Kubernetes
- Build Tools: Maven, , Jenkins
- Cloud Platforms: AWS (EC2, S3, Lambda),
- Monitoring Tools: Prometheus, Grafana, ELK Stack
- Others: Agile Scrum, CI/CD, Docker, , iTextPDF, OAuth2, JWT

PROFESSIONAL EXPERIENCE

Java Backend Developer

INFOTEL INDIA PVT LTD | Bangalore

June 2020 – Present

- **API Development:** Designed and developed **RESTful web services** using **Spring Boot**, improving **API** response time by 50% and ensuring scalability.
- **Database Management:** Implemented **Hibernate ORM** for seamless data operations with **MySQL**, ensuring data integrity and efficient data retrieval.
- **Microservices Architecture:** Developed microservices-based applications, enabling better modularity and scalability of the system.
- **Performance Optimization:** Optimized backend performance, reducing data retrieval speed by 40% through efficient query handling and caching strategies.
- **Security Implementation:** Integrated **Spring Security** for authentication and authorization, and implemented **JWT tokens** for secure **API access**.
- **CI/CD Pipelines:** Utilized Jenkins and **Maven** for continuous integration and delivery, ensuring smooth and efficient deployment processes.
- **Agile Methodologies:** Actively participated in **Agile processes**, including daily standups, **sprint planning**, retrospectives, and planning poker.
- **Collaboration:** Worked closely with frontend developers and other stakeholders to gather requirements and provide backend solutions that meet business needs.
- **Troubleshooting and Debugging:** Diagnosed and resolved application issues, ensuring high availability and reliability of the system.
- **Cloud Integration:** Deployed and managed applications on **AWS**, utilizing services such as **EC2, S3**, and RDS.
- **Message Queues:** Implemented Apache Kafka for asynchronous communication between **microservices**.
- **Monitoring:** Set up monitoring tools like Prometheus and Grafana to track application performance and health.
- **Architected microservices framework**, boosting system scalability and modularity; accelerated feature release cycles by 50% and reduced server response times by 30%.
- **Engineered microservices-based applications**, enhancing system modularity and scalability; achieved a 40% increase in deployment efficiency and reduced system downtime by 25%

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Key Achievements:

- Reduced API response time by 50% through optimization techniques.
 - Improved data retrieval performance by 40% by implementing efficient querying strategies.
 - Successfully migrated monolithic applications to microservices architecture, improving system scalability and maintainability.
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Project Experience

Project Name: Newway 47.7F

Duration: 2.5 years

Technologies: Core Java, J2EE, Spring Boot, Hibernate JPA, RESTful Web Services,microservic,mysql

- **Description:** Developed a comprehensive flight ticket reservation and boarding pass system, providing a seamless user experience for booking flights, comparing prices, and generating boarding passes.
- **Roles and Responsibilities:**
 - Installed and configured **MySQL** databases and created **schemas**.
 - Developed front-end components using **JSP** and **JSTL**.
 - Implemented backend controllers and business logic using **Spring Boot**.
 - Created **RESTful web services** for various functionalities and tested them using **Postman**.
 - Integrated **email sending services and managed application configurations**.
 - Participated in **Agile Scrum activities**, including daily standups and sprint reviews.
 - Developed and **deployed microservices to enhance system modularity and scalability**.
 - Utilized iTextPDF **API** to generate and store reports in the database.
 - Configured application properties and handled **environment-specific configurations**.
 - Ensured high performance and responsiveness of the application through performance tuning and **optimization**.

Key Achievements:

- Successfully developed and deployed a **flight ticket reservation system**, enhancing user satisfaction.
- Improved system modularity and scalability by **implementing microservices architecture**.

Education

B.Tech

ACE Institute of Technology, Biju Patnaik University of Technology, Odisha | 2016

Certifications

- Oracle Certified Professional, Java SE 8 Programmer
- Certified Spring Professional

Additional Information

- Languages: English, Hindi, Odiya
 - Personal Details:
 - Father's Name: Sachidananda Sahu
 - Home Town: Odisha
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Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Bangalore

Signature: Jayanta Sahu
