

S. S. Latha

Java Full Stack Developer

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SUMMARY

Experienced Java Full Stack Developer with 4+ years of expertise in managing and leading the development and maintenance of web applications using Java, spring, and Hibernate. Experience in optimizing application performance, reducing bugs, and improving overall code quality, resulting in increased user experience and revenue growth.

Collaborated with 100+ developers and IT professionals in developing various management and Healthcare platforms.

SKILLS

Methodology: SDLC, Agile, Waterfall

Programming Languages: Python, Java, Shell Scripting, JavaScript

Frameworks: Spring MVC, Hibernate, Node JS, React JS, Restful API, SOAP, WebSocket, RabbitMQ, SaaS, Tailwind, NextJS, Flask

Web Technologies: HTML5, CSS3, script, Bootstrap, XML, JSON, JUnit, Ajax, jQuery, Redux, Typescript, JavaScript

Cloud Technology: Azure, Data Bricks, AWS, GCP

Application Server: Apache Tomcat, Web Sphere

Databases: MySQL, MongoDB, PostgreSQL

Version Control/Other Tools: Git, Docker, Kubernetes, Postman, CI/CD, Jenkins, Jira, Webpack, Rally, JSP/Servlets

Operating System: Windows, Unix/Linux, Mac

EXPERIENCE

Java Full Stack Developer; MetLife, USA

Jul 2024 – Present

- Designed and developed RESTful APIs using Spring Boot and Spring MVC to manage healthcare inventory data, including CRUD operations for items, locations, and transactions.
- Developed and maintained backend services using Java, leveraging best practices for code quality, maintainability, and performance. Utilized JPA/Hibernate for database interaction with PostgreSQL and MongoDB.
- Created and optimized database schemas in PostgreSQL and MongoDB to efficiently store and retrieve large volumes of inventory data.
- Implemented indexing and query optimization strategies to ensure fast response times.
- Developed and maintained user interfaces using React, JavaScript, and JSP/Servlets to provide intuitive and user-friendly access to the inventory management system.
- Containerized the application using Docker and deployed it to AWS using Kubernetes for scalability and high availability.
- Managed and monitored the application in the AWS cloud environment, ensuring optimal performance and resource utilization.
- Implemented CI/CD pipelines using Jenkins to automate the build, test, and deployment processes, including automated testing and deployment to various environments.
- Utilized Git for version control & collaborative development, followed branching strategies for efficient code management.

Java Full Stack Developer; State Street, USA

Sep 2023 – Jun 2024

- Experienced in collaborating with cross-functional teams in agile environments, actively participating in sprint planning, backlog grooming, and ensuring smooth delivery of full-stack Java applications.
- Incorporated Java and Spring MVC for building web applications that are highly scalable and robust with the MVC model, which has resulted in enhancing the application performance by 30%.
- Applied RESTful routing using Java Spark for APIs and web services that better data access by 20% and expanded API response time by 15%.
- Created Single page applications with React using Hooks, redux for stateful management; or using previous react state object plus lifecycle for components internalize stateful management.
- Implemented DevOps practices, including CI/CD pipelines, to streamline development and deployment processes.
- Supervised auto-scaling groups on AWS to solve the problems of traffic and availability, which enhanced the system reliability by 35% and reduced the downtime by 40%.
- Applied Git and GitHub for version control, conducted code reviews for production-level code and managed pull requests to maintain efficient collaboration and code quality.

Java Full Stack Developer; Cognizant Technology Solutions, India

Jul 2021 – Jul 2022

- Established microservices using Spring Boot and PostgreSQL for HealthCare's services application, emphasizing modularity and scalability to support future expansion.
- Mentored interactive dashboard production using React, real-time notifications with Firebase, and patient portals utilizing HTML, CSS, and JavaScript, which resulted in a 40% increase in user assignment and a 30% drop-in load times.
- Maintained healthcare web apps using Java and React to enhance patient data management and communication between medical staff.
- Directed continuous integration and delivery pipelines using Jenkins (CI/CD) and Kafka for real-time data streaming, utilized Postman for API testing, ensuring consistent and efficient deployments, and upheld project progress in JIRA.
- Led design patterns documentation, including technical requirements and APIs, to improve communication among development teams and made use of Git for version control throughout the development process.
- Initiated security best practices for microservices, including JWT authentication and authorization, to protect user data.
- Cooperated with stakeholders to gather needs and translate into technical specifications.

Java Developer, Experion Technologies, India

Apr 2019 – Jun 2021

- Team up to create web interfaces using HTML, and CSS, causing an uplift in user engagement and reducing bounce rates by 12%.
- Optimized MySQL database queries, resulting in a 15% reduction in query execution time and faster data retrieval.
- Managed web application development using JSP and AJAX, enabling seamless user interactions and real-time data updates.
- Executed SOAP-based web services in Java, aiding communication amid dispersed systems and enhancing application functionality.
- Persuaded DevOps teams to deploy and manage applications on Kubernetes to increase scalability and availability, which improved system uptime by 30% and decreased deployment time by 40%.
- Ensured Git best practices, reducing code conflicts by 30% and streamlining collaboration among development teams.

EDUCATION

Masters in Computer Science,

University of Colorado, Denver, USA | May 2024

Bachelors in Computer Science,

Presidency University, Bangalore, India | Apr 2021