Shravya Reddy Thatiparthi
Java Developer
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SUMMARY

- 3+ years of experience as a Java Developer in the Design, Development, and Implementation of various business applications using Java and J2EE technologies.
- Good knowledge of Application Development using Software Development Life Cycle (SDLC) using various methodologies like Waterfall, and Agile.
- Working experience in developing robust and maintainable code using Core Java, ensuring high code quality and adherence to best practices.
- Ability to use Java 8 Method References feature to point to methods by their names and also used functional Interfaces.
- Well-Versed in developing applications using Spring Framework that uses features of Spring MVC, Spring Boot, Microservices, and Hibernate.
- Proficiency in Analysis, Design, Development, Implementation, and Maintenance of applications using Java/J2EE Technologies like Servlets, JSP, JSTL, JavaBeans, and JDBC.
- Good experience in leveraging AWS services to build scalable and efficient cloud-based solutions.
- Well-Versed in leveraging Java and React.js to create efficient, scalable, and user-friendly software solutions.
- Working experience in system analysis, design, development, and implementation of web-based applications using HTML, CSS, Bootstrap, jQuery, Ajax, JSON, and XML.
- Proficient in developing and maintaining MongoDB databases, leveraging NoSQL principles to store and manage large volumes of unstructured data effectively.
- Ability to Work on Version Control tools like Subversion Git and GitHub.

EDUCATION

Master of Computer and Information Sciences
Southern Arkansas University Magnolia, AR

Bachelor in Computer Science Engineering
Jawaharlal Nehru Technological University Hyderabad, Telangana, India

SKILLS

Methodology: SDLC, Agile, Waterfall
Languages: Core Java, Java 8, SQL
Frameworks/Libraries: Spring MVC, Spring Boot, Spring Security, Microservices, React.js, Hibernate, JPA
IDE's: NetBeans, IntelliJ IDEA
J2EE Technologies: Servlets, JSP, JSTL, JavaBeans, JDBC
Web Technologies: HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML
Application Server: Apache Tomcat, AWS
Database: MySQL, MongoDB
Build /Other tools: UML, MS Visio, Maven, Gradle, JUnit, Jenkins
Version Control Tools: Git, GitHub
Operating Systems: Windows

EXPERIENCE

Charles Schwab, TX | June 2022 - Current | Java Developer

- Involving the designing and testing phases of applications using Agile methodology.
- Developing Core Java components that implement all business-level requirements.
- Developing and implementing RESTful APIs using Spring MVC, resulting in a 30% reduction in response time and improved scalability for web applications
- Using React.js to create responsive and visually appealing user interfaces, resulting in a 25% reduction in page load time and increased user engagement.
- Optimizing database interactions by utilizing Spring Data JPA with Spring Boot, resulting in a 20% reduction in query execution time and improved data retrieval efficiency.
- Designing and implementing J2EE-based microservices architecture, resulting in a 60% improvement in system scalability and agility, enabling faster deployment of new features.
- Developing reusable HTML and CSS components, resulting in a 40% improvement in development efficiency and faster iteration on web application projects.
- Utilizing AWS services, such as AWS Lambda and S3, to build scalable serverless applications, reducing infrastructure costs by 50%.
- Developing and executing unit tests using JUnit, achieving 95% test coverage and reducing the number of critical bugs by 40% in a large-scale Java application.

Kalp Technolab, India | Jan 2018 - Dec 2019 | Java Developer

- Worked on Waterfall methodology, and attended daily stand-up, showcase, and sprint retrospective meetings.
- Used Java 8 method references feature to point to methods by their names and used functional Interfaces.
- Designed and implemented Spring MVC web applications that achieved a 50% increase in concurrent user capacity.
- Developed a microservices architecture using Spring Boot, resulting in a 40% improvement in system scalability and enhanced fault tolerance.
- Create several custom tags for JSP for maximum re-usability for user interface components.
- Developed and implemented responsive web applications using Java, HTML, and CSS, resulting in a 70% increase in user engagement and improved overall user experience.
- Worked on Java Maven project with Hibernate framework for developing new features and modification requests.
- Used different Spring annotations to implement business layer components and configured for a web application.
- Implemented JSON parsing and serialization functionality in Java, resulting in a 60% improvement in data processing speed and more efficient data exchange between systems.
- Developed a Java Application Framework which receives JSON data and modifies the data accordingly and is saved it onto a new database.
- Implemented SQL database schemas and optimized database queries, resulting in a 30% improvement in application performance and reduced query execution time
- Developed and maintained Java-based applications, leveraging AWS services such as Amazon EC2, Amazon S3, and Amazon RDS, resulting in a 65% reduction in infrastructure costs and improved scalability.
- Integrated React.js components into the front-end architecture, resulting in a 55% reduction in page load time and enhanced overall user experience.
- Added Spring Microservices for supporting utility features in the application, touching existing application code.
- Developed and utilized J2EE Services and JMS components for messaging communication in WebLogic Application Server.
- Worked on running integrated testing using the JUNIT and XML for building the data structures required for the Webservice.
- Implemented MongoDB sharding and replication strategies, resulting in a 20% increase in database scalability and improved fault tolerance for a high-traffic web application.
- Utilized Git for version control and collaborative development, enabling seamless code integration and reducing conflicts during team collaboration.