

# Sasidhar Bathini

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## Professional Summary

Results-oriented Full-Stack Developer with 7 years of experience delivering high-quality software solutions. I specialize in designing, developing, and deploying robust, scalable software solutions across diverse industries. My expertise spans the entire Software Development Life Cycle (SDLC), utilizing Agile, Kanban, and Waterfall methodologies to deliver high-impact projects on time and within scope. Proficient in both front-end and back-end development, my technical skillset includes Java (14, 11, 8, etc.), Spring Boot, React, Angular, and microservices architectures. I have a proven track record of building and securing RESTful APIs, managing Continuous Integration/Continuous Deployment (CI/CD) pipelines using tools such as Jenkins and GitLab, and deploying containerized solutions on cloud platforms like AWS and Azure with Docker and Kubernetes. I am committed to leveraging modern development practices to improve team productivity and deliver exceptional results in every project.

## Technical Skills

- J2EE
- SQL
- PL/SQL
- C
- C++
- AngularJS
- NodeJS
- ReactJS
- Bootstrap
- HTML5
- JavaScript
- Spring Boot
- Spring MVC
- SQL Server
- JIRA

## Professional Experience

**Senior Java Developer**, 05/2024 — Current

**Teacher Retirement System of Texas** — Austin, TX

- Proficient in developing front-end interfaces using HTML5, CSS3, JavaScript, PrimeNG, and Bootstrap, and back-end services using Spring Boot, NodeJS, and Express.js
- Successfully developed and deployed a critical application, resulting in a 25% improvement in user satisfaction
- Expertise in designing and implementing micro services-based systems using Spring Boot and AWS ECS
- Led the migration of a legacy application to a microservices architecture, leading to a 30% increase in scalability and 20% reduction in downtime
- Experience deploying and managing applications on AWS, leveraging services like ECS for container orchestration
- Deployed a complex application on AWS ECS, achieving a 20% reduction in deployment time and 15% improvement in cost-efficiency
- Skilled in using Hibernate for data persistence and implementing caching mechanisms to optimize database performance
- Implemented a caching strategy in a high-traffic application, resulting in a 35% improvement in query response times and 20% reduction in database load
- Proficient in designing and building RESTful APIs to facilitate communication between clients and servers
- Developed a robust API that was successfully integrated with multiple client applications, achieving a 40% increase in API usage
- Experience using Git for source code management and collaboration
- Contributed to a Git-based development workflow, resulting in 10% fewer merge conflicts and 30% faster code reviews
- Involved in code reviews, testing, and troubleshooting to ensure high-quality software
- Participated in a quality assurance process that led to the identification and resolution of 15 critical bugs before

deployment

- Strong ability to collaborate with cross-functional teams, including UX/UI designers, backend developers, and QA engineers
- Successfully collaborated with a team of 5 developers to deliver a complex application on time and within budget
- Environment: Core Java, J2EE, Java 11, IntelliJ, Hibernate, Microservices, Apache Kafka, ReactJs, Spring Boot, Jil Spring Boot, Jenkins, TDD, BDD, XML, JSP, JDBC, AWS, JUnit, Mockito, Oracle, Restful web services, Docker, jQuery, Agile methodology, PostgreSQL, MongoDB, Maven, HTML, CSS3

**Java Developer, 09/2020 — 07/2022**

**OPS Solution Private Limited**

- Successfully implemented Agile (Scrum) methodology, including daily stand-ups, sprint planning, and task estimation, to improve team collaboration and productivity
- Created microservices using **Spring Boot** and **Kafka** for event-driven architecture.
- Proficient in using Spring Framework for dependency injection, cross-cutting concerns, and persistence layer development
- Built a claims module with workflows for approval and notifications.
- Expertise in using Hibernate for backend development and Spring dependency injection for middle layer development
- Successfully integrated Hibernate with Spring to create a robust and scalable data layer
- Effectively used Hibernate session Factory and API to retrieve and store data to the database with transaction control
- Managed a large-scale database with over 10 million records, ensuring data integrity and consistency
- Utilized Spring Batch for processing large amounts of data, including transaction management, job processing, resource management, and logging
- Processed over 1 terabyte of data in a single batch job, improving data processing efficiency
- Employed Java 8 streams and lambda expressions to enhance application performance
- Achieved a 30% increase in application response time by optimizing code with functional programming techniques
- Implemented authentication and authorization using Spring Security and OAuth to protect sensitive application data
- Successfully prevented unauthorized access to critical resources
- Developed a comprehensive test automation framework using Eclipse, Maven, Java, TestNG, and Selenium WebDriver
- Achieved 80% test coverage and reduced testing time by 50% through automation
- Designed and developed RESTful APIs using Spring Boot, JPA, Cloud Foundry, and Oracle Responsibilities to provide backend services
- Created APIs that were consumed by multiple clients, improving system integration and scalability
- Environment: Java11, Postman, REST, Angular 8, Caching, Interceptors, TypeScript, Spring Boot, Spring Data JPA, TDD, BDD, REST API, MySQL, Mockito, Gcp, Java 7, Continuous Deployment, Jenkins, Git, Splunk, Log monitoring

**Java Developer, 05/2016 — 09/2020**

**Sailee Infotech Private Limited**

- Followed Agile methodology for development, promoting collaboration and flexibility
- Achieved a 20% increase in project efficiency and reduced time-to-market
- Implemented test cases for Struts and Java using Cactus and JUnit
- Automated 80% of test cases, reducing testing time and improving test coverage
- Accessed Oracle database using Hibernate for querying and updating data
- Developed advanced search and reporting features, providing valuable insights to users
- Developed web services using JAX-WS utility
- Enabled seamless integration with other systems and facilitated data exchange
- Utilized JMS queues for asynchronous communication
- Improved application performance and scalability by decoupling processes
- Successfully migrated complex applications to the latest version, ensuring compatibility and performance
- Identified and automated test cases using Selenium Web Driver

- Achieved 70% test coverage and reduced testing time by 30%
- Performed functional and regression testing using Selenium Automation scripts
- Ensured software quality by Implemented tests using Java-Selenium, TestNG combination and used TeamCity for test execution and internal tool for test reporting
- Established a robust testing framework that supported efficient test execution and reporting
- Prepared unit test cases using JUnit and conducted remote testing using SOAP UI
- Verified the correctness of individual components and improved code quality
- Developed JAX-RS based RESTful web services using Jersey implementation
- Provided flexible and scalable APIs for client applications
- Extensively used core Java concepts like collection framework, multi-threading, OOPS, and exception handling
- Demonstrated strong foundation in Java programming and problem-solving
- Maintained Selenium & Java automation code and resources in source control systems like CVS and SVN
- Ensured code quality and consistency over time
- Environment: Agile methodologies, Java 11, Angular 8, Material UI, Angular 8, RESTful, Kafka, Apache, SOAP protocols, Spring, Hibernate, AWS Elastic Beanstalk, Kubernetes, AWS S3, EKS, EC2, ECR, AWS DynamoDB, Java Spring Boot, Spring Data JPA, AWS SNS, message queues, JUnit, TestNG, Mockito, PowerMock, AWS Autoscaling, CloudWatch

## **Education and Training**

**07/2024 Webster University** — San Antonio, TX

**Master of Science** Information Technology

**05/2017 RMK Engineering College** — India, Tamil Nadu

**Bachelor in Engineering** Electrical, Electronics And Communications Engineering

## **Certifications**

- Oracle Certified Professional: Java SE 11 Developer (OCPJP)
- Spring Professional Certification
- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- Certified Kubernetes Administrator (CKA)