SAI PREETHAM DONGARI

Java Full Stack Developer

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Professional Summary

- Possess around 4 years of experience as a Java Full Stack Developer, proficient in designing, developing, and maintaining web applications using J2EE technologies, frameworks (Spring, Hibernate), and front-end technologies(React, Angular)
- Proficient in Agile and Waterfall methodologies to drive project planning and collaboration within cross-functional teams.
- Leveraging AWS EKS to deploy and manage containerized applications using Docker and Kubernetes, demonstrating expertise in containerization technologies and cloud-based orchestration.
- Expert in various of database technologies, including relational databases (MySQL, PostgreSQL, Oracle) and NoSQL databases (MongoDB).

Work Experience

Charles Schwab, MA   Jan 2024 – Current
Java Full Stack Developer

- Implemented React caching strategies to optimize data retrieval from Java APIs, reducing average page load time by 30%.
- Enhanced Spring Boot REST API performance through caching strategies and asynchronous processing, resulting in a 2x increase in API throughput for a real-time application.
- Established efficient data access layers using Spring Data JPA, reducing development time by 40% and improving code maintainability.
- Designed and implemented a RESTful API with Spring MVC and Spring REST for a complex application, achieving a 25% improvement in code maintainability and separation of concerns.
- Enhanced robust CI/CD pipeline using Jenkins and Docker, automating build, test, and deployment processes for Java applications, resulting in 10% more frequent deployments with fewer errors and improved development velocity.
- Boosted the efficiency of data flow between the client and server by implementing a GraphQL API Server with the graphql-http library to speed up data retrieval from MongoDB.

Genius SoftTech, India   Aug 2019 – Jul 2022
Java Full Stack Developer

- Managed state management using Angular's services and RxJS observables to handle data flow and asynchronous operations efficiently.
- Developed microservices using Spring Boot, resulting in a 30% increase in application performance and adaptability.
- Applied asynchronous messaging using JMS with RabbitMQ, enhancing the system by 20% and decreasing database load by 30% through decoupled message processing.
- Integrated JWT token handling with Spring Security's logout functionality to invalidate the token upon user logout and prevent unauthorized access.
- Accomplished JUnit for comprehensive unit testing of web application components, and adopting Agile principles for streamlined project delivery.
- Developed and exposed the application as a RESTful web service, implementing HTTP POST, GET, and error handling methods using appropriate status codes and utilizing Postman for API testing and validation.
- Executed CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy to automate deployment and testing.
- Performed CRUD operations like Updating, Inserting, and Deleting data in MongoDB and PostgreSQL and handling database access and data transmission based on RESTful web service.

Education

Master of Science in Computer Science | Clark University, Worcester, MA
Bachelor in Information Technology | Sreenidhi Institute of Science & Technology, Telangana, India

Skills

- **Methodologies and Languages:** SDLC, Agile/Scrum, Kibana, C, C++, Java, JavaScript, SQL
- **Frameworks/Libraries:** React.js, Angular, Node.js, Mockito, GraphQL
- **Spring Frameworks:** Spring Boot, Spring MVC, Spring Cloud, Spring Data JPA, Spring REST, Spring Security
- **Web Technologies:** HTML5, CSS3, JavaScript, Bootstrap5, jQuery, Ajax, JSON, XML
- **Cloud:** AWS (EC2, SQS, SNS, Elastic Beanstalk, Lambda, Code Deploy, and CloudWatch)
- **Database:** MySQL, PostgreSQL, MongoDB, Oracle
- **CI/CD and DevOps Tools:** Git, Jenkins, Docker, Kubernetes, Postman, Swagger UI, Kafka, Postman, IntelliJ