

Abhishek Kudal

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Languages and Technologies

Java/J2EE | Spring Boot | Hibernate | JPA | RESTful Web Services | MySQL | Jenkins | Git | Maven | Agile

Summary

Software Engineer with 2.9 years' experience specializing in Java/J2EE, Spring Boot, Hibernate, and MySQL. Expertise in efficient interface design, secure access controls, and RESTful APIs. Skilled in Agile methodologies and delivering impactful solutions.

Experience

Software Engineering Specialist, Dassault Systèmes, Pune

Feb 2021 - Present

- Developed internal applications using Spring Boot, Hibernate, and MySQL, resulting in improved efficiency and streamlined workflows.
- Utilized Spring Forms to create user-friendly interfaces for data entry and manipulation, resulting in a 50% decrease in data entry errors and a 20% improvement in overall user satisfaction.
- Created Role-based access control to ensure that users have access to only the information and features they need, improving data security and reducing the risk of errors or unauthorized access.
- Designed and implemented REST APIs, resulting in a 25% increase in integration with other applications and systems, enhancing overall functionality and flexibility of the application.
- Implemented cache to reduce the overhead of frequent data access from external sources, resulting in improved response time by serving the cached data from memory instead.

Additional Projects

E-commerce Plugin:

- Developed a system using Spring Boot and MySQL to recover abandoned carts for e-commerce businesses
- Created webhooks for abandoned cart and order information to trigger pre-defined messages to customers on a customizable schedule
- Implemented scheduled events table and a scheduler service that sends SMS and email messages until all scheduled messages are sent or the customer places an order.

HackerNews:

- Built a RESTful API using Spring Boot that utilizes the Hacker News API hosted on Firebase.
- Implemented caching using Caffeine Cache to store and serve the top 10 stories for 15 minutes
- Developed endpoints to return the top 10 stories, past stories, and top 10 comments on a given story (sorted by the total number of comments including child comments per thread)

Certifications

- [Java Programming and Software Engineering Fundamentals](#) (by Duke University on Coursera)
- [Spring Framework](#) (by LearnQuest on Coursera)
- [R&D Java Software Engineer Certification - Level 1](#)
- [R&D SQL Software Engineer Certification - Level 1](#)

Awards and Achievements

Evangelist

- Awarded for exceptional critical thinking abilities, innovative approach, and dedication to driving positive change within the organization.
- Recognized as a valuable asset to the team and a driving force behind the success of numerous projects.