Chandrashekhar Pande

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Summary

I am a skilled Software Engineer with nearly **4 years** of experience in full-stack development. I specialize in building scalable **REST APIs** and **microservices** using **Java Spring Boot**. I have hands-on experience working with both **SQL** and **NoSQL** databases. I also streamline build and deployment processes using tools like Docker and Kubernetes. I enjoy solving problems and delivering innovative solutions in fast-paced environments.

Technical Skills

- Java
- Spring MVC
- Spring Boot
- Microservices
- JPA
- Hibernate
- Angular 8+
- HTML
- CSS
- MySQL
- MongoDB
- Redis
- Service Bus
- GitLab
- Git
- IntelliJ
- STS
- Robo3T
- Compass
- Studio3T
- Service Bus Explorer
- Redis Insight
- VS code
- Postman
- Insomnia
- Jenkins

Work Experience

CONSULTANT | 04/2022 - Current
Birlasoft - Pune

- Created scalable RESTful services using **Spring Boot**, **Hibernate**, and **JPA**, improving the performance and scalability of the application by 30-50%.
- Based on the BRD, we analyses project requirements and design the architecture and database.
- I develop business logic, fix bugs, and ensure the application runs smoothly.
- I use GitLab or Azure repos to manage code, collaborate with teammates, track changes, and review code.
- Integrated a **JMS service bus** to support asynchronous messaging, improving the system's ability to efficiently produce and consume messages between SAP and our platform.
- Integrated **schedulers**, **pagination**, and **Redis** caching to improve performance and scalability by reducing server and database load, enhancing response times, and boosting efficiency by 40-60%.
- We use **Mockito** for unit testing to efficiently test APIs.

- Additionally, **GitHub Co-pilot** and **Sonar Lint** help us write efficient code which reducing development time by 30-35%.
- Set up and managed **CI/CD** pipelines with Jenkins and Docker, making development and deployment faster and reducing time-to-market by 30%, reducing infrastructure costs by 20% and improving scalability.
- Proficient in the full software development lifecycle, particularly agile methodologies, which improved project delivery speed by 15%.
- Integrated **JWT** and **OAuth** for robust authentication and authorization mechanisms, significantly enhancing security and user session management.

CONSULTANT | 05/2021 - 03/2022
Techera IT Consulting Pvt Ltd - Pune
- Enhanced back-end services using Java and Spring Boot, boosting system efficiency and scalability by 30%.
- Integrated **Twilio** messaging service in our project for notification purpose.
- Provide support for the application, fix bugs, and ensure it runs smoothly.
- Integrated logic for automated email notifications, reducing **Jira** tickets by 18% by promptly identifying job failures and missing files.
- Configured **MongoDB** to store large data efficiently using referencing and embedding, optimizing retrieval and insertion speeds based on data growth.
- Developed schedulers to automate tasks, reducing manual effort, improving scalability, managing resources efficiently, and ensuring consistency.
- Also, we use pagination so it will improve the API performance 20-30%.
- Developed a responsive website with **Angular 8+**, **Bootstrap**, and Angular **Material**, using HTTP Client for API calls, routing for navigation, and angular form and validation patterns.
- Also developed standalone website base on **HTML**, **CSS**, **JavaScript**.

Professional Certificates

- Docker for absolute beginners (Coursera)
- The Complete Node.js Developer (Udemy)
- Spring MVC, Spring Boot and Rest Controllers (Coursera)
- Spring - Cloud Overview (Coursera)
- Spring Data Repositories (Coursera)
- MongoDB and MongoDB with Java (MongoDB)
- Generative AI (Coursera)

Portfolio

- [LinkedIn](#)
- [GitHub](#)

Education

Amrutvahini College of Engineering - Pune | BE
Electronics & Telecommunication