

Karesse DSouza

India | karessekend1821@gmail.com | +91 9561114302 | Portfolio | linkedin/karesse-dsouza | github.com/karessekend18

Professional Summary

Full Stack Java Developer with hands-on experience in **Java 17, Spring Boot, REST APIs, Angular, and SQL databases**, delivering scalable, secure, and high-performing enterprise applications. Skilled in **software craftsmanship principles, Agile methodologies, and DevOps practices** with a strong focus on clean, reusable code and test-driven development. Passionate about designing resilient systems, improving production processes, and contributing to continuous delivery pipelines in fast-paced environments.

Education

Savitribai Phule Pune University	Aug 2019 - May 2023
<ul style="list-style-type: none">Bachelors of Engineering, Computer EngineeringCGPA: 8.59	

Work Experience

Software Engineer Trainee Cisco Systems Ind Pvt Ltd	Aug 2024 - Aug 2025
<ul style="list-style-type: none">Designed and developed Spring Boot microservices in Java 17, improving API performance by 30% and reducing latency by 22%.Built and integrated RESTful APIs for data processing and front-end communication, enabling seamless interoperability across distributed systems.Contributed to Angular-based front-end dashboards for monitoring and analytics, ensuring responsiveness and accessibility.Applied SOLID principles and design patterns, reducing code complexity and improving reusability by 25%.Implemented Spring Security and OAuth2 authentication, strengthening API security and access control compliance.Automated builds and CI/CD pipelines using Jenkins, Maven, and Docker, decreasing manual deployment time by 25%.Wrote and maintained unit/integration tests (JUnit5, Mockito), achieving 85%+ test coverage and reducing production bugs by 30%.Participated in Agile ceremonies, sprint planning, and cross-functional collaboration to ensure timely, high-quality releases.	

Technical Projects

1. Movimate (Movie API) - Spring Boot, MongoDB, JavaScript, ReactJS

- Built APIs with **Spring Data JPA** and **MongoDB**, supporting dynamic data filtering and pagination.
- Developed responsive UI using **React** and **Bootstrap**, improving UX and data rendering efficiency.

2. E-Commerce Full Stack Application - Java, Spring Boot, Hibernate, JPA

- Developed full-stack application with **RESTful APIs** and **React** frontend for real-time product management.
- Integrated caching and optimized SQL queries, improving response times by **40%**.

Technical Skills

Programming Language: Java 11/17

Backend Frameworks/Libraries: Spring : Boot, Data JPA, Security, Hibernate/JPA, Rest API, Maven, OAuth2

Frontend Frameworks/Libraries: Angular 14+, React, Bootstrap, HTML, CSS, JavaScript

Databases: SQL, PL SQL (Oracle, Postgres SQL)

Testing: JUnit, Mockito

DevOps: Git, Jenkins

Other: Object Oriented Programming, Design Patterns, SOLID Principles, Clean Architecture, Agile/Scrum

Soft Skills: Excellent communication, proactive mindset, and cross-team collaboration

Certifications

- Java Full Stack Development (Simplilearn - Cisco)
- Cisco Qualified GenAI (Cisco)