Darshan Kalambe

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Professional Summary

Full-Stack Developer with 3 years of experience designing and building scalable enterprise applications using Java, Spring Boot, ReactJS, and TypeScript RESTful APIs. Skilled in modernizing legacy systems, building microservices, and optimizing system performance. Hands-on expertise in Agile methodologies, CI/CD pipelines, cloud deployment (AWS), and delivering user-focused solutions that enhance business outcomes.

Technical Skills

Java, TypeScript, JavaScript, HTML, CSS | Spring Boot, React.js, Bootstrap | MySQL, Cassandra, Redis | Docker, AWS, Git, RabbitMQ | Microservices, REST APIs, Design Patterns, CI/CD, Agile, UI/UX

Professional Experience

JForce Solutions, Mumbai | Full-Stack Developer (Jan 2023 – Jan 2026)

- Migrated core microservice Learning Management System (LMS) for NGASCE (NMIMS Online) from JSP → Thymeleaf → React + TypeScript (SPA architecture), boosting performance by 25%.
- Designed scalable RESTful APIs for web and mobile platforms, reducing response latency by 15%.
- Enforce Course Waiver system allowing students with prior PG qualifications to skip eligible subjects and directly appear for Semester 3.
- Built an e-content system with hierarchical navigation, improving content accessibility by 20%.
- Enhanced UI/UX of the Student Portal and streamlined admin features, improving user satisfaction.
- Improved a dynamic announcements system using Strategy Pattern for multiple microservices.
- Engineered real-time peer-to-peer live chat with Java, Spring Boot, RabbitMQ, Cassandra, and WebSockets.

Key Projects

Course Waiver System | NMIMS (Admin Portal)

- Implemented Spring Boot REST APIs to validate eligibility, manage waiver rules, and update academic records. Built React + Typescript UI for waiver application, approvals, and real-time tracking.
- Automated waiver process, reducing redundant coursework and manual effort by 40%.

Student Onboarding System | NGASCE (NMIMS Online)

- Designed and improved a full-stack registration platform, cutting onboarding time by 30%.
- Built secure Spring Boot REST APIs for registration, verification, and document handling.
- Delivered a responsive React + TypeScript frontend with real-time validation.

E-Content Learning System | NGASCE (NMIMS Online)

- Implemented hierarchical chapter → unit → subunit navigation, improving accessibility by 20%
- Enabled role-based access for faculty and students to manage and consume content.
- Tech stack: Spring Boot, React, TypeScript, Bootstrap for scalable, responsive design.

P2P Live Chat | NGASCE Student Portal

- Developed a real-time chat system with group/room features for collaborative learning.
- Used Spring Boot, RabbitMQ, WebSockets to ensure high concurrency and reliability.
- Integrated Cassandra for scalable persistence, supporting thousands of concurrent users.

Education

- B.Sc. (Computer Science) | Pune Vidyarthi Griha's Vidya Bhawan | 2022 | 7.86 CGPA
- PG in Java Development | It Vedant Education Pvt. Ltd | 2022