

Manthan Vinodrao Jadhav

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Technical Skills

Programming Languages:	Java, JavaScript, TypeScript, SQL, HTML5, CSS3
Backend Frameworks:	Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, Spring Cloud
Frontend Libraries:	React.js, Redux, Tailwind CSS, Bootstrap
Architecture & Messaging:	Microservices Design, Apache Kafka, RabbitMQ, REST APIs
Data Management:	MySQL, PostgreSQL, MongoDB, Redis Cache
Cloud & Infrastructure:	AWS (EC2, S3, Lambda), Docker, Kubernetes basics
Tools & Practices:	IntelliJ IDEA, VS Code, Postman, Maven, Git, Agile

Work Experience

Aloha Technology Pvt Ltd, Pune

February 2024 - Present

Software Developer

Project 1: Faronics Deploy – Enterprise Endpoint Management Platform

- Architected distributed microservices ecosystem utilizing Spring Boot APIs and centralized API Gateway.
- Enhanced inter-service connectivity through Feign client optimization, achieving 15% latency reduction.
- Accelerated task retrieval operations by 20% via strategic database indexing and query refinement.
- Streamlined backend processes using Kafka event-driven architecture, eliminating 30% manual interventions.
- Engineered WebSocket infrastructure enabling instantaneous data synchronization across multiple service layers.

Project 2: Deep Freeze Cloud Console - System Management Solution

- Built comprehensive REST endpoints for policy administration, seamlessly integrating Spring Boot backend with the React UI through Axios.
- Implemented JWT authentication with Spring Security using HTTP-only cookies and a token refresh mechanism.
- Deployed Redis caching strategy, accelerating response times by 30% while minimizing database overhead.
- Resolved critical issues that increased application uptime by 25% and improved user experience.

Training & Internship

PwC Launchpad Training Program

March 2023 - August 2023

- Mastered enterprise technologies including Java programming, DBMS concepts, full-stack JavaScript, and AWS cloud services.

Persistent Systems Summer Internship

June 2023 - August 2023

- Gained practical exposure to Java development, Linux administration, database optimization, and algorithmic problem solving.

Education

Yeshwantrao Chavan College of Engineering, Nagpur

June 2020 - May 2024

Bachelor of Technology in Computer Technology

CGPA: 9.0/10.0

Personal Projects

- **Intelligent Fitness Tracker:** Engineered microservices-based wellness platform comprising five autonomous Spring Boot modules leveraging PostgreSQL and MongoDB. Incorporated Redis caching layer, RabbitMQ message queuing, and Google Gemini AI for personalized insights. Secured with a Keycloak OAuth 2.0 authentication paired with responsive React interface.
- **Room-Based Chat Application:** Constructed a real-time messaging system employing WebSocket protocol and STOMP messaging with a Spring Boot server and React client. Accommodated 100+ simultaneous connections across distinct chat rooms with secure user verification.
- **Video Streaming Platform:** Developed multimedia delivery service utilizing AWS S3 storage with adaptive chunk loading and range-based transmission via Spring Boot. Decreased buffering delays by 30% for high-definition content up to 5 GB.