

# Manthan Vinodrao Jadhav

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## Technical Skills

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