

# KALYAN KOLA

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## OBJECTIVE

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Full Stack Developer with expertise in Java, Spring Boot, Microservices, React.js, and MySQL. Experienced in building secure and scalable applications, combining strong backend systems with responsive frontend interfaces. Skilled in JWT authentication, Docker, and distributed systems. Looking to apply problem-solving skills and technical knowledge to deliver effective software solutions

## TECHNICAL SKILLS

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**Backend:** Core Java, Spring Boot, Spring Cloud (Eureka, Feign), Microservices, REST APIs, JWT, JUnit 5, Resilience4j

**Frontend:** JavaScript, React.js, Redux Toolkit, Context API, HTML, CSS, Tailwind, Bootstrap

**Database:** MySQL

**DevOps & Tools:** Docker (Basics), Git, GitHub, Postman, Eclipse ide, VS Code

## PROJECTS

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**Letterboxd Clone** | Spring Boot, Spring Cloud, Resilience4j, React.js, Docker, Zipkin, MySQL

- Designed and developed 10+ microservices using Spring Boot & Spring Cloud (Eureka, Feign), enabling independent scaling and simplified maintenance.
- Improved system reliability by implementing Resilience4j and integrated Zipkin for distributed tracing and debugging
- Built a React.js frontend with Redux Toolkit for smooth state management and dynamic UI components.
- Containerized services using Docker, reducing deployment setup time by 40%.

**Movie Ticket Booking System** | React.js, Redux Toolkit, JWT, Axios, MySQL, Context Api, Spring Boot,

- Built a responsive booking platform with dynamic seat layout and integrated Razorpay payment gateway for seamless transactions.
- Developed Admin and Theatre Manager dashboards to manage movies, shows, bookings, and analytics.
- Implemented JWT-based authentication ensuring secure user and admin access.
- Enhanced state management and performance using Redux Toolkit and Context API.

### Mini Projects

- **Personal Finance Tracker:** Created a single-page application with live balance updates, leveraging React's Context API and Redux Toolkit for efficient state management.
- **Google OAuth Login:** Implemented Google OAuth with role-based JWT security, demonstrating proficiency in frontend security best practices.

## INTERNSHIP

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**IoT Intern – NIT Andhra Pradesh (May 2024 – Jul 2024)**

- Built an IoT Fish Pond Monitoring System with live sensor data collection.
- Developed a responsive React.js dashboard visualizing key parameters (temperature, pH, etc.).

## EDUCATION

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**B.Tech in Mechanical Engineering (CGPA: 7.85)** – Sri Vasavi Engineering College, Pedatadepalli (2021 – 2025)

**Intermediate (79.2%)** – St. Francis De Sales Junior College, Nidadavole (2019 – 2021)

**SSC (CGPA: 8.2)** – Z.P.H. School, Katakoteswaram (2018 – 2019)

## ACHIEVEMENTS & CERTIFICATIONS

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- Solved 350+ problems on LeetCode and GeeksforGeeks to improve DSA and problem-solving skills
- NPTEL Professional Certification in Java Programming (Jan–Apr 2024)
- Front-End Development Virtual Internship – NEAT & Palo Alto Networks (Sep–Dec 2024)