

# Rudresh Ganesh Lagwankar

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience designing and developing scalable solutions across marketplace platforms, trade compliance, real estate, and university management domains. Skilled in frontend development, GenAI integrations, and full-stack application design using React.js, Next.js, Vue.js, NestJS, Node.js, JavaScript, and Java (Spring Boot). Passionate about building visually engaging web experiences, AI-driven rapid solutions, and intelligent systems using modern frameworks and architectures.

## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, Vue.js, PWA, JavaScript (ES6+), TypeScript, Redux, Redux Toolkit, React Query (TanStack Query), Context API, React Hooks, Tailwind CSS, Strapi, HTML5, CSS3, Responsive Design

**Frontend Architecture & Performance:** Component Architecture, State Management, Performance Optimization, Code Splitting, Lazy Loading, Micro Frontends

**Testing:** Jest, Cypress, Unit Testing

**Backend:** Node.js, NestJS, Express.js, Java (Spring Boot), RESTful APIs, GraphQL

**Databases:** MongoDB, MySQL, SQL Server, NoSQL

**Cloud & DevOps:** Git, GitHub, Jira, Docker, CI/CD, Vercel, GCP, Postman

**AI & Others:** GenAI Integrations, Voice AI, WebRTC, LiveKit, Claude Code, Codex, Cursor, Google Stitch, Warp, Lovable, n8n, Google Colab, Figma

## WORK EXPERIENCE

### Senior Software Engineer

Rezolve AI (formerly Valueadd Softtech) — Pune, India | Dec 2020 – Present

#### Project 1: Restaurant Application with Voice AI Agent

Mar 2026 – Present (3 months) | React.js, PWA, Tailwind CSS, Redux Toolkit, WebRTC, LiveKit | Team Size: 8–10

- Developing a responsive Restaurant Management Application integrated with a Voice AI Agent, enabling users to interact via real-time voice commands using WebRTC and LiveKit for low-latency audio streaming.
- Developed reusable React components using React Hooks, Context API, and Redux Toolkit for efficient state management across the application.
- Implemented code splitting and lazy loading techniques to improve application performance and reduce initial load time.
- Built responsive and pixel-perfect user interfaces using React.js, Tailwind CSS, and PWA technologies based on Figma designs.
- Collaborated with backend teams to integrate REST APIs and real-time communication using WebRTC and LiveKit.
- Leveraging LiveKit's WebRTC infrastructure to handle real-time peer-to-peer communication between the Voice AI Agent and end users with minimal latency.

#### Project 2: University Management System

Jun 2025 – Mar 2026 (9 months) | Angular, Node.js, SQL Server | Team Size: 5–6

- Managed student and admin portals implementing course admissions, enrollment, scheduling, and academic workflow automation.
- Designed and modified database schemas, created and updated stored procedures in SQL Server to support complex academic data models.
- Developed and maintained RESTful APIs connecting front-end and back-end functionalities with high reliability.
- Performed testing, debugging, and code optimization to ensure smooth and reliable application performance.

#### Project 3: Agent Onboarding — Real Estate Agent Management System (Procasa)

Mar 2024 – Jun 2025 (15 months) | Vue.js, JavaScript | Team Size: 6–8

- Led a team of 5 developers as Team Lead, driving end-to-end development of a centralized agent onboarding system for a multi-role real estate organization.
- Collaborated with stakeholders to gather requirements and translated them into scalable technical solutions across hierarchical organizational roles.
- Oversaw frontend design implementation, data filtration, API integrations, and code quality while enforcing clean code practices.
- Managed sprint timelines, participated in client meetings, mentored team members, and resolved technical challenges to ensure smooth delivery.

#### **Project 4: TCAS — Trade Compliance As a Service**

*Jan 2022 – Mar 2024 (26 months) | React.js, Next.js, Redux Toolkit, Java (Spring Boot), MySQL | Team Size: 10–12*

- Contributed as Full Stack Developer on a trade compliance portal offering entity screening, commodity classification, license screening, and rules publication services.
- Developed scalable micro-frontend modules using React.js, Next.js, Redux Toolkit, and React Hooks to support enterprise-scale application architecture.
- Improved application performance through lazy loading, code splitting, and component optimization techniques.
- Implemented reusable component architecture and state management patterns for enterprise-scale applications.
- Participated in unit testing and end-to-end testing using Cypress to ensure application reliability.
- Collaborated closely with solution architects and cross-functional teams, participating in client discussions to align technical solutions with business needs.

#### **Project 5: Xirify — On-Demand Service & Delivery Platform**

*Dec 2020 – Jan 2022 (13 months) | React.js, Node.js, MongoDB | Team Size: 8–10*

- Developed and optimized backend APIs using Node.js and MongoDB for an on-demand service platform connecting customers with local service partners.
- Implemented in-app push notification systems and integrated secure payment gateways to ensure reliable transaction processing.
- Designed and managed database schemas with complex data manipulations to support scalability and high performance.
- Built responsive UI components with data filtration and API integrations on the frontend to enhance user experience.
- Performed debugging and maintained technical documentation to support ongoing development.

#### **Software Engineer Intern**

*Gatelength Technology — Bengaluru, Karnataka, India | Jul 2020 – Dec 2020 (6 months)*

- Developed a full-stack mobile application using React Native for the frontend and Express.js / Node.js for the backend.
- Worked with both NoSQL (MongoDB) and SQL databases to design and manage application data layers.
- Gained hands-on experience in end-to-end app development including API design, UI implementation, and database integration.

#### **PERSONAL LINKS**

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- **Portfolio:** <https://www.rudresh.fun>
- **LinkedIn:** <linkedin.com/in/rudreshlagwankar>
- **GitHub:** <github.com/rudreshl>

#### **EDUCATION**

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##### **Bachelor of Engineering — Computer Engineering**

*A. P. Shah Institute of Technology, Thane | 2016 – 2020*

#### **AWARDS & RECOGNITIONS**

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- **Employee of the Quarter** — Rezolve AI / Valueadd Softtech | January 2023
- **Bravo Award** — Rezolve AI | August 2024