

Sai Sumanth Valluri

Frontend Developer | React.js | Next.js | CMS Integration

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SUMMARY

Frontend Developer with 3.2 years of experience building performant, scalable, and visually engaging web applications using React.js, Next.js, and Angular. Specialized in CMS-integrated platforms, real-time applications, and admin dashboards. Strong focus on performance optimization, role-based access control, and collaborative agile development. Passionate about delivering maintainable, high-quality code and seamless user experiences.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Angular, JavaScript (ES6+), TypeScript, HTML5, CSS3, Bootstrap, MUI

Backend & Database: Node.js, Express.js, Firebase, REST APIs, MySQL

CMS & Tools: Directus, Git, Bitbucket, JIRA, GCP, JWT Authentication

Other: Redux, Zustand, Performance Optimization, Responsive UI Design

PROFESSIONAL EXPERIENCE

Infinity Learn — Software Developer *(Sep 2022 – Present, Hyderabad, Telangana)*

Company Website (CMS-based Platform)

- Architected a headless CMS using Directus + Next.js for real-time content management.
- Implemented multi-role permission system (Super Admin, City Head, Centre Head) with granular access control.
- Designed dual-environment (preprod/prod) setup for safe publishing with manual sync.
- Reduced page load times by ~35% via optimized data fetching and caching strategies.

Admin Dashboard

- Built scalable React + Redux + MUI dashboard to manage users, schools, and permissions.
- Integrated secure JWT-based authentication and RBAC.
- Improved performance and responsive design across devices.

EdTech Platform (Grades 6–12 – CBSE, JEE, NEET)

- Developed interactive learning modules and real-time assessments using Angular.
- Implemented live class support, test series, and doubt resolution workflows.
- Collaborated with UI/UX and backend teams to improve user satisfaction.

PROJECTS

Chat Sphere — Real-time Chat Application [\(Live Demo\)](#)

- Developed a real-time chat platform using React (Vite), Firebase, and Zustand.
- Added friend requests, blocking/unblocking, and file/image sharing.
- Used Firebase Real-time Database for instant synchronization.

Spotify Clone — Music Streaming Platform [\(Live Demo\)](#)

- Built a MERN-based music app with playback controls and admin dashboard.
- Integrated JWT authentication and real-time user status tracking.
- Designed analytics dashboard for user activity insights.

Nxt Trendz — E-commerce Clone [\(Live Demo\)](#)

- Developed React-based e-commerce app with product filtering, sorting, and JWT auth.
- Implemented secure session management and protected routes.

Nxt Watch — YouTube Clone [\(Live Demo\)](#)

- Built YouTube-style platform with trending, gaming, and saved videos tabs.
 - Added dark/light themes, JWT authentication, and protected routing.
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EDUCATION

Nxtwave Disruptive Technologies — Industry Ready Certification in Full-Stack Development (*Feb 2022 – July 2022*)

Vikas Group of Institutions, Vijayawada — B.Tech in Mechanical Engineering (*2017 – 2021*) | CGPA: 7.8

Repalle Christian College — Intermediate (MPC) (*2015 – 2017*) | 68%

ZPH School, Goginapalem — Secondary School Certificate (*2014 – 2015*) | CGPA: 7.5

KEY HIGHLIGHTS

- Delivered CMS-driven websites with Directus integration for scalable content workflows.
- Developed 5+ production-grade applications improving company content delivery pipeline.
- Consistently improved UI/UX metrics and page performance through optimization.