

# Vanit Yadav

Senior Software Engineer with 5 years+ of expertise in frontend development architecting, scalable system design and delivering high-performance optimized web applications. Proven leader in managing cross functional teams and building technical roadmaps to achieve architectural excellence. Seeking a Senior/Lead developer role.

## Experience

Senior Software Engineer · [Radiansys](#) Sept 2023 - Present

- Architected and developed a high-performance micro-frontend chat application for web and mobile, supporting real-time messaging.
- Designed and implemented a front-end caching mechanism to enhance real-time UI updates, such as user name changes in messages, and developed a socket service using vanilla WebSockets to optimize event handling (30% reduction in server load).
- Led a team of up to 8 engineers in developing a modern component library and design system with React, employing compound and composition patterns to accelerate development cycles, reduce UI defects, and ensure design consistency.
- Implemented CI/CD pipelines with GitHub workflows, resulting in a 40% reduction in deployment time and improved release frequency.
- Replaced React Table with AG-Grid, using virtualization to increase page load speed from 20s to 4s, remove app freezes on large data, and enable inline editing.
- Restructured application state management with Redux and refactored code to eliminate prop drilling, improving application performance by 35% and increasing code maintainability.
- Led the effort to break down large component files (2000+ lines) into smaller, more manageable units (200 lines).
- Integrated Sentry for application performance monitoring, identifying and resolving critical bugs.
- Utilized Storybook with Chromatic, Axe, and Ally for component, visual, and accessibility testing and documentation, improving dashboard reliability.
- Led the design and development of a complex form builder tool with sharding, embedding, and audience features.
- Created packages, deployment pipelines, and conducted PR reviews.

Software Engineer · [LJRDO](#) Nov 2021 - Sept 2023

- Designed and implemented a collaborative platform using Next.js, Node.js, and MongoDB to manage journal submissions, editing, and processing.
- Migrated large datasets from Excel, ensuring seamless workflow transition and data integrity, and increasing processing efficiency by 50%.
- Migrated and revamped 20+ journal websites from PHP to Next.js to improve the user experience on web and mobile.
- Improved website traffic and conversions by 40% through SEO and UI/UX optimization with Next.js and faster page loads using SSR.

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## Skills

### Programming Languages

Typescript, Javascript, Go, SQL, HTML, CSS

### Libraries & Frameworks

React, Next.js, Micro Frontends, Unit testing, Accessibility, Redux, React Query, TailwindCSS, AgGrid, Svelte, Nodejs

### Tools & Platforms

Vitest, Rollup, Webpack, Storybook, Git, Chromatic, Github, Jira, Docker, Postman, Vercel, Firebase, Figma, Adobe XD, NX

## Selected Projects

### Gamezop

Discover games (action, arcade, adventure!). Mobile friendly with pics, videos, description and built-in recommendations system and curated picks. Built on Next.js, TS, Tailwind.

### macos Sonoma

Interactive web-based macOS Sonoma UI built with SvelteKit, including drag-and-drop windows, full-screen resize functionality, and other macOS-like interactions.

### Streamify (Music analytics dashboard)

Modern UI for a music analytics dashboard, providing users with insights into music trends and performance metrics.

## Achievements

Frontend Architect Award (Radiansys, 2025)  
Excellence in Engineering (Radiansys, 2024)  
Rising Star Award (Radiansys, 2023)