

Jalaj Kumar Gaur

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SKILLS

- Frontend: JavaScript, TypeScript, React.js, Next.js, React Native, Electron.js, HTML5, CSS3, Redux Toolkit, Zustand, Context API, Micro Frontend, Web Workers
- Backend: REST, Node.js, Express.js, MongoDB, RESTful APIs
- Testing: Jest (unit testing)
- Tools: VS Code, Android Studio, Xcode, Postman, Git, Github, CICD, Github Actions
- Collaboration & Methodologies: Agile, Code Reviews, Performance Optimization, Scalable Architecture
- Soft Skills: Team Work, Leadership, Technical Writing

EXPERIENCE

Software Engineer

Games24x7

March 2025 – Present

- Working on the RummyCircle app, driving performance enhancements and optimizing critical app performance metrics for improved speed, stability, and user experience.

Senior Member Of Technical Staff

Ziroh Labs

February 2024 – March 2025, Bengaluru, KA, India

- Led the frontend and mobile app development for React.js, Next.js, and React Native platforms, ensuring scalability, performance, and security.
- Optimized frontend and mobile performance with code-splitting, lazy loading, and efficient rendering, improving load speeds by 40%.
- Conducted 100+ extensive code reviews, improving maintainability and enforcing best practices.
- Implemented Lighthouse optimizations, improving website performance scores from 70 to 95+.
- Conducted 50+ code reviews, improving maintainability, reducing bugs by 45%, and ensuring adherence to best coding practices.
- Collaborated with product and backend teams, leading to 20% faster development cycles and more efficient application architecture.

Member Technical Staff

Ziroh Labs

March 2022 – January 2024, Bengaluru, KA, India

- Designed and developed 30+ reusable UI components and frontend libraries, streamlining development across projects.
- Integrated RESTful APIs with frontend applications, improving data-fetching efficiency and reducing unnecessary network calls by 40%.
- Designed and implemented a Relay Server, security layer for chrome extensions.
- Developed a common cryptographic library for all JavaScript/TypeScript projects, standardizing encryption practices and reducing security vulnerabilities by 60%.
- Enhanced user experience by optimizing UI workflows, cutting user action steps by 25%, and reducing load times by 35%.
- Migrated state management from Context API to Redux Toolkit, reducing state-related bugs by 60%.

PROJECT

Mailing Platform (React, Next.js)

Ziroh Labs

- Developed a privacy-focused email platform with zero-knowledge encrypted storage and delivery.
- Implemented server-side rendering (SSR) and API caching, reducing API response time by 40%.
- Enhanced security by implementing end-to-end encryption (E2EE) and OAuth-based authentication.

Zunu Message (React.js, React Native)

Ziroh Labs

- Developed and maintained a secure messaging app with default SMS integration, supporting internet-based chats, stories, groups, and updates.
- Implemented fingerprint authentication and push notifications, improving user engagement by 35%.
- Took on the challenging responsibility of developing native-side code for the default SMS handler, ensuring seamless functionality across all devices and manufacturers, overcoming vendor-specific restrictions and compatibility issues.

compact.ai (React.js, React Native)

Ziroh Labs

- Developed an AI model management mobile app with real-time analytics, authentication, and execution of AI models.

Rummy Circle

Games24x7

- Actively contributing to India's largest Rummy gaming platform, focusing on performance optimization, efficient WebView handling, and continuous improvement of key performance metrics to ensure a seamless user experience.

EDUCATION

Bachelor of Technology in Computer Science

Rajiv Gandhi Technical University • Bhopal, Madhya Pradesh • 2022 • 8.43