

Jalaj Kumar Gaur

Full Stack Developer

j3d6g2000@gmail.com | +91 8449311977 | linkedin.com/in/jalaj-gaur-8926321a4

Skills

Frontend Technologies: JavaScript, TypeScript, React.js, Next.js, React Native, HTML5, CSS3, Tailwind CSS, Material-UI, Electron.js

Backend Technologies: Node.js, Express.js, NestJS, RESTful APIs, GraphQL, WebSockets, Microservices Architecture

Databases & Storage: PostgreSQL, MongoDB, Redis, Prisma ORM, Mongoose, Database Design, Query Optimization

State Management & Architecture: Redux, Redux Toolkit, Zustand, Context API, Server-Side Rendering, Static Site Generation

DevOps & Tools: Git, Docker, AWS, Vercel, GitHub Actions, CI/CD, Jest, Cypress, Webpack, Vite, Linux

Experience

Software Engineer, Games24x7 – Bengaluru, KA, India

March 2025 – Present

- Developing full-stack gaming applications using React.js, Next.js, and Node.js with PostgreSQL database integration.
- Building scalable backend APIs with Express.js and implementing real-time gaming features using WebSockets.
- Optimizing database queries and implementing Redis caching strategies, reducing API response times by 35%.
- Working with React Native for cross-platform mobile development and implementing server-side rendering for improved SEO.

Senior Member Of Technical Staff, Ziroh Labs – Bengaluru, KA, India

February 2024 – March 2025

- Architected full-stack applications using React.js, Next.js, Node.js, and PostgreSQL, serving 50,000+ active users.
- Built RESTful APIs and GraphQL endpoints with Express.js and NestJS, implementing authentication and authorization systems.
- Designed and optimized PostgreSQL database schemas, implementing complex queries and database migrations.
- Developed Next.js applications with Server-Side Rendering (SSR) and Static Site Generation (SSG), improving SEO by 60%.
- Implemented microservices architecture with Docker containerization and deployed on AWS with CI/CD pipelines.
- Led full-stack development team of 5 engineers, conducting code reviews and establishing development standards.

Member Technical Staff, Ziroh Labs – Bengaluru, KA, India

March 2022 – January 2024

- Developed 20+ full-stack features using React.js, TypeScript, Node.js, and MongoDB, reducing development time by 40%.
- Built scalable backend services with Express.js and implemented database operations using Mongoose and Prisma ORM.
- Created React Native mobile applications with cross-platform compatibility and native performance optimization.
- Implemented real-time features using WebSockets and integrated third-party APIs for payment processing and notifications.
- Developed comprehensive testing suites using Jest and Cypress, achieving 85% code coverage across all applications.
- Migrated legacy applications from JavaScript to TypeScript, improving code quality and reducing runtime errors by 50%.

Projects

Zunu Mailing Platform (React, Electron.js, Node.js, MongoDB)

Ziroh Labs

- Architected a full-stack desktop email application using Electron.js with React frontend, Node.js backend, and MongoDB database.
- Implemented RESTful APIs with Express.js for email synchronization and built GraphQL endpoints for real-time data queries.
- Integrated PostgreSQL for user management and MongoDB for email storage with optimized indexing strategies.
- Built responsive UI components using Material-UI and implemented Redux with middleware for complex async operations.

Zunu Chat System (React, Node.js, PostgreSQL, WebSockets)

Ziroh Labs

- Developed a full-stack messaging platform with React frontend, Node.js/Express.js backend, and PostgreSQL database.
- Implemented real-time communication using WebSockets and Socket.io with Redis for session management and caching.
- Built React Native mobile application with cross-platform compatibility and integrated push notification services.
- Designed database schema with complex relationships and implemented JWT authentication with role-based access control.

AI Model Management Platform (React, Next.js, Node.js, PostgreSQL)

- Built a comprehensive full-stack platform using Next.js with SSR, Node.js backend, and PostgreSQL for AI model management.
- Developed RESTful APIs and GraphQL endpoints for model execution with real-time analytics and monitoring dashboards.
- Implemented microservices architecture with Docker containerization and deployed on AWS with CI/CD pipelines.
- Integrated Redis for caching model results and implemented automated testing with Jest achieving 85% code coverage.

Rummy Circle (React, Next.js, Node.js, PostgreSQL)

- Optimizing full-stack gaming platform using Next.js for SEO improvements and React Native for enhanced mobile experience.
- Implementing backend optimizations with Node.js and PostgreSQL for real-time gaming data processing and user management.
- Building analytics dashboard with React.js and integrating machine learning APIs with MongoDB for user behavior analysis.

Education

Rajiv Gandhi Technical University, Bachelor of Technology in Computer Science – Bhopal, Madhya Pradesh

- GPA: 8.43/10.0 | Relevant Coursework: Data Structures, Algorithms, Database Management, Software Engineering, Web Technologies