

# GAURAV KUMAR SINGH

Frontend Engineer | New Delhi, India  
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## Summary

Frontend Engineer with 3.5+ years of experience building scalable enterprise and SaaS applications using React.js, Next.js, and TypeScript. Led migration from legacy PHP to modern React Frontend Architecture, reducing UI defects by 80%. Strong expertise in Component Architecture, Performance Optimization, Responsive Design, and REST API Integration.

## Technical Skills

**Frontend:** React.js, Next.js, React Native, TypeScript, JavaScript (ES6+), Tailwind CSS, Material UI, ShadCN UI, Redux, Zustand, Expo, AsyncStorage, Push Notifications

**Backend:** Node.js, Express.js, NestJS, MongoDB, REST API Development, JWT Authentication, Role-Based Access Control

**Architecture & Performance:** Component Architecture, State Management, Caching Strategies, Memoization, Lazy Loading, Code Splitting, API Optimization, Render Optimization

**Tools:** Git, GitHub, Azure, CI/CD, Vite, Webpack, ESLint, Axios, Fetch API, Agile

## Experience

### Software Developer

ShipGlobal

Aug 2025 – Present

- Led migration of enterprise logistics platform from legacy PHP to modern React.js + TypeScript architecture using scalable Component Architecture, improving maintainability and Web Performance
- Designed reusable components and Custom Hooks using React Hooks and Zustand, improving code reusability, state management, and overall frontend scalability
- Developed responsive and scalable modules including Orders, KYC, Wallet, and Manifest workflows with REST API Integration, authentication, caching, and validation
- Reduced UI defect rate by 80% through improved architecture, strict TypeScript usage, and robust frontend engineering practices
- Applied Performance Optimization techniques including Memoization, Lazy Loading, Code Splitting, and Render Optimization to improve responsiveness and application performance

### Frontend Developer

E2E Research Services Pvt Ltd

Jun 2022 – Jun 2025

- Developed scalable and Responsive Design SaaS applications using React.js, Next.js, and TypeScript with reusable component systems
- Improved application performance by 20% using Performance Optimization including Memoization, Lazy Loading, Code Splitting, and efficient state management
- Implemented scalable routing and state management using React Hooks, Custom Hooks, Redux, and Zustand, improving application scalability and maintainability
- Integrated backend services using REST APIs with authentication, caching, and optimized data flow
- Built reusable UI systems ensuring 100% device responsiveness and cross-browser compatibility, improving maintainability and Web Performance

## Projects

### ENGAME – Enterprise E-Commerce Platform

- Developed scalable e-commerce admin dashboard using Next.js, React.js, and TypeScript for managing orders, shipments, payments, and operational workflows
- Built interfaces for managing users, orders, payments, and analytics, supporting real-time business and e-commerce operations
- Implemented secure authentication including OAuth and integrated backend REST APIs and payment workflows
- Designed modular and reusable components improving maintainability, scalability, and development efficiency

### TIMEXA – Fullstack Time Tracking Mobile Application [GitHub Repository](#)

- Built fullstack mobile application using React Native, Expo, Node.js, Express.js, and MongoDB
- Developed secure backend REST APIs with JWT authentication and database integration
- Implemented push notifications using Expo Notifications and managed local caching using AsyncStorage
- Designed scalable mobile frontend architecture using TypeScript

## Education

### Master of Computer Applications

Noida Institute of Engineering and Technology

2020 – 2022

GPA: 8.6 / 10