

Shailesh Kumar

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MERN Stack Developer Full Stack Engineer (React, Node.js, Next.js)

Professional Summary

Highly motivated Full Stack Developer with 2+ years of hands-on experience in building, deploying, and maintaining scalable, responsive web applications using the MERN stack and Next.js. Expertly proficient in front-end development with React.js (Redux/Context API), robust API design with Node.js/Express.js, and data management using MongoDB (Mongoose) and Prisma. Proven ability to implement critical features, including JWT authentication and Razorpay payment integration. Seeking a challenging Full Stack Developer or Junior Software Engineer role in the Noida/Delhi NCR region to drive innovation in a dynamic team environment.

Skills & Technologies

Category	Skills
Frontend	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Redux/Context API
Backend	Node.js, Express.js, Socket.io, RESTful APIs, MVC Architecture
Databases	MongoDB (Mongoose), MySQL, PostgreSQL (Basic), Sequelize, Prisma
Tools & DevOps	Git, GitHub, Postman, Vercel, Render, VS Code, Agile Development
Core Concepts	JWT Authentication, Razorpay Payment Integration, CRUD Operations, Scalability, CI/CD Principles

Professional Experience

Freelance Full Stack Developer (Remote) Sep 2024 – Present

- Architected and delivered end-to-end custom MERN and Next.js applications for 3+ clients, managing the full development lifecycle from requirements to deployment.
- Engineered high-performance, responsive UIs using React.js and Tailwind CSS, resulting in a documented 30% reduction in client-side loading times.
- Integrated robust RESTful APIs with MongoDB and optimized query performance to efficiently handle moderate traffic loads.

RM Software India Pvt. Ltd., Noida — Trainee Engineer Apr 2024 – Oct 2024

- Applied strong analytical skills to preprocess and structure complex GIS and mapping data, demonstrating systematic data pipeline analysis.
- Collaborated with the engineering team on technical documentation and problem-solving, enhancing cross-functional communication and technical rigor.

Sharpener, Bangalore — MERN Stack Developer (Training Program) Dec 2022 – Nov 2023

- Mastered end-to-end MERN application development and deployment using Agile methodologies in an intensive, project-based program.
- Built and deployed multiple production-ready applications, gaining proficiency in user authentication, API development, and third-party integrations.

Key Full Stack Projects

Real-Time Chat Application (MERN Stack + Socket.io)

- Developed a bi-directional, low-latency messaging platform using Socket.io on the backend, successfully handling 50+ concurrent users.
- Implemented user session management and secure message transmission using JWT authentication and MongoDB for persistent storage.

Ecommerce Store (MERN Stack)

- Designed and built a complete product catalog, shopping cart, and checkout flow using React with Redux for global state management.
- Created secure RESTful APIs using Node.js/Express.js and Mongoose to manage product inventory, order processing, and user accounts.

Expense Tracker App (Full Stack with Payment Integration)

- Integrated the Razorpay payment gateway for user subscription functionality, ensuring robust handling of successful payment callbacks and status updates.
- Features included JWT-secured user login, a visualized analytics dashboard, and secure data storage in MongoDB.

Event Booking System (Next.js)

- Leveraged Next.js to build a server-rendered booking application, significantly improving SEO and initial page load performance.
- Managed complex booking logic, calendar availability, and user profile management via server-side API routes.

Education

- B.Tech, Computer Science & Engineering Dr. Ram Manohar Lohia Avadh University, Ayodhya (2018–2022)**
- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming.

Languages

English (Intermediate) Hindi (Expert)