

# Sakshi Saini

MERN Stack Developer

📍 Greater Noida, Uttar Pradesh, India | ✉️ [sainisakshi030@gmail.com](mailto:sainisakshi030@gmail.com) | 📞 +91 9717661969 | [🌐 linkedin.com](https://www.linkedin.com/in/sainisakshi030)  
🐙 [github.com/Sakshisaini030](https://github.com/Sakshisaini030)

## Summary

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Passionate and performance-driven **Full-Stack JavaScript Developer** with **1 year of professional experience** and strong backend expertise. Skilled in designing and implementing scalable **Web APIs**, database optimizations, and advanced caching techniques using **Redis**. Experienced in building secure, responsive, and efficient applications following **SOLID principles**, with hands-on knowledge of the **MERN stack**. Adept at solving real-world problems and delivering impactful digital solutions.

## Education

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**Galgotias University, School of Engineering & Technology**, B.Sc. Computer Science

CGPA: 8.57

**Ram Krishna Mehta Inter College**, 12<sup>th</sup> Standard

Percentage: 65.2%

**Ram Krishna Mehta Inter College**, 10<sup>th</sup> Standard

Percentage: 60%

## Experience

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**Frontend Developer**, Cyber Quad Solutions Pvt. Ltd. - Noida, UP

Developed a full-stack **payment solutions web application**. Designed and implemented a fully responsive frontend using **React.js**. Integrated secure **payment gateway APIs** (Razorpay/Stripe) for seamless transactions. Built user authentication and role-based access using **JWT**. Developed REST APIs with **Node.js**, **Express.js**, and **MongoDB**. Optimized frontend performance and ensured cross-browser compatibility.

**Full-Stack Developer**, Dvertex Info System - Greater Noida, UP

Contributed to a SaaS and PaaS platform serving **26,000+ monthly active users**. Developed scalable backend services using **Node.js**, **Express.js**, **TypeScript**, and **MySQL**. Containerized microservices with **Docker** and improved CI/CD workflows. Optimized queries and reduced API response time by 30%. Collaborated with cross-functional teams to deliver scalable solutions for waste collection agencies.

## Achievements

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- Winner – Codesoft Web Challenge (2024) – Built a responsive calculator web app
- Regular contributor to coding communities

## Technologies

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**Languages:** JavaScript (ES6+)

**Frontend:** HTML, CSS, React.js, Next.js, Typescript, Bootstrap

**Backend:** Node.js, Express.js, REST APIs

**Database:** MongoDB, MySQL, Redis

**Tools & Platforms:** Git/GitHub, Postman, Docker, VS Code

**UI/UX:** Figma, Adobe XD

## Projects

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### Pipokart E-commerce Platform

Designed and developed a full-stack e-commerce platform enabling users to browse, search, and purchase products online. Built responsive and mobile-first UI using **React.js** and **Bootstrap**. Implemented secure **JWT authentication** and authorization across multiple Web APIs. Integrated cart, order tracking, and payment gateway for smooth checkout. Backend APIs developed with **Node.js/Express.js** and database managed with **MongoDB**.

### Safaimitra Click (Backend)

Live Demo

Developed backend for a municipal service app handling user complaints and service requests. Implemented **multi-API JWT authentication system** with role-based access control. Designed scalable MongoDB schemas to handle 10,000+ service requests efficiently. Built and optimized **REST APIs** with error handling, validation, and logging. Containerized services using **Docker** and deployed on **Render** with CI/CD.

### NFT Game Platform

Live Demo

Developed UI from scratch for an NFT-based trading game. Built reusable **React.js** components and integrated state management with **Redux**. Integrated with multiple Web APIs using **JWT-secured endpoints**. Ensured mobile responsiveness and seamless gaming experience.

### Real-Time Chat Application

Built a chat app with multiple chat rooms and private messaging functionality. Used **Socket.IO** for real-time communication between users. Implemented **JWT authentication across APIs** for secure multi-user sessions. Added typing indicators, message timestamps, and read receipts. Backend built with **Node.js, Express.js, MongoDB**, and deployed with **Docker**.