

SHIV GUPTA

Full Stack Developer | React.js | MERN | AI Integration

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 1+ years of experience building scalable web applications using React.js, Node.js, and the MERN stack. Proven ability to integrate REST APIs, implement secure authentication (JWT), and optimize frontend performance. Hands-on experience leveraging AI tools (Google Gemini API, ChatGPT, GitHub Copilot) for development acceleration and intelligent UI features. Strong foundation in Data Structures, Algorithms, and OOPs. Seeking a Full Stack or Frontend Developer role in a product-driven team.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), TypeScript (basic), HTML5, CSS3, Tailwind CSS, Bootstrap, Context API, Redux, React Hooks

Backend & APIs: Node.js, Express.js, RESTful APIs, JWT Authentication, Role-Based Authorization

AI & Tooling: Google Gemini API, ChatGPT, GitHub Copilot, Prompt Engineering, AI API Integration (text generation, chat, smart search)

Databases: MongoDB, MySQL (basic), PostgreSQL (basic), indexing & query optimization

DevOps & Tools: Git, GitHub, Postman, Vite, CI/CD basics, Stripe API, Clerk Auth

CS Fundamentals: Data Structures & Algorithms, OOPs, Operating Systems

Languages: JavaScript (ES6+), Python, C, C++

PROFESSIONAL EXPERIENCE

Software Developer Trainer | GICSEH, Sector 62 Noida

May 2025 – Oct 2025

- Guided 100+ learners through React.js, JavaScript ES6+, and end-to-end MERN application development.
- Evaluated 10+ full-stack projects, strengthening architectural decisions, maintainability, and scalability.
- Led weekly code audits reducing recurring implementation errors by 30% across batches.
- Troubleshooted 50+ logical and runtime defects, substantially improving application reliability.
- Optimized demo applications, delivering 20–25% performance gains through refined rendering strategies.

Frontend Developer Intern | Motion Cut (Remote)

Nov 2024 – Apr 2025

- Built 20+ reusable React.js components using HTML5, CSS3, Tailwind CSS with responsive design methodology.
- Integrated 10+ REST API endpoints ensuring smooth, consistent data flow across application views.
- Improved page rendering speed by 15% through stylesheet optimization and component hierarchy refactoring.
- Collaborated in a 5-member Agile team, actively contributing to sprint planning and retrospectives.

KEY PROJECTS

Tech Hack World — Learning Management System (LMS)

React.js · Node.js · MongoDB · Express.js · Stripe · Clerk · Tailwind CSS · JWT · RESTful APIs · Git

- Designed scalable LMS architecture with 15+ features: courses, enrollment, role-based admin, and instructor dashboards.
- Engineered backend with structured routing, middleware management, and concurrent request handling.
- Implemented JWT-based authentication and role-driven authorization safeguarding 100% of restricted routes.
- Integrated Stripe payment gateway, increasing checkout success rate by 30%.
- Optimized MongoDB queries using indexing strategies, reducing API response latency by 25%.

Gemini Clone — AI Chat Application

React.js · Google Gemini API · Context API · REST API · HTML5 · CSS3 · Vite · Git

- Built an AI chat interface using React.js integrated with Google Gemini conversational intelligence API.
- Implemented centralized state management via Context API, simplifying data flow across multiple views.
- Streamlined API communication lifecycle, supporting 50+ conversational prompts per active session.
- Minimized redundant UI re-renders by 20%, improving rendering efficiency and responsiveness.
- Added persistent theme storage for consistent visual experience across repeated user sessions.

EDUCATION

B.Tech – Computer Science & Engineering | Galgotias University, Greater Noida *Nov 2020 – Apr 2024*
CGPA: 7.93

Senior Secondary – Mathematics & Computer Science | Kendriya Vidyalaya Karera *Apr 2019 – Mar 2020*
Grade: 80.8%

CERTIFICATIONS & ACHIEVEMENTS

- Mastering Data Structures and Algorithms — Geeks for Geeks
- Structured Query Language — HackerRank
- Ranked 109 out of 4,000+ participants — Geeks for Geeks Job-a-Thon Hiring Challenge