JAY KUMAR GUPTA

jaykumarguptajti@gmail.com | LinkedIn | LeetCode | GFG | GitHub

SUMMARY : Full Stack Developer experienced in building scalable CRM systems, WhatsApp automation, and performance-optimized REST APIs using MERN stack.

TECHNICAL SKILLS :

- **Programming Languages:** C, C++, JavaScript (ES6+).
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Vue.js.
- **Database:** MongoDB, MySQL, SQL (Structured Query Language).
- **AI Tools:** n8n Automation Tool, AI SDKs, LLMs.
- **Cloud & Deployment Tools:** Git, GitHub, Vercel, Render.
- **APIs & Tools:** REST APIs, Postman, Socket.IO, OAuth 2.0.
- **CS Fundamental Subjects:** DBMS, CN, OS, DSA, OOPS, SDLC.
- **Soft Skills:** Problem Solving | Team Collaboration | Scalable Systems | Fast Learner.

EXPERIENCE:

Full Stack Developer Intern at Site.Guru -   **Duration: JUN 2025 – AUG 2025**

- Developed & designed a responsive, client-focused web application using Vue.js, Node.js, SQL & WebSockets.
- Gained hands-on experience in full-stack development and real-world project delivery, writing clean, maintainable JavaScript (ES6+) code and implementing REST APIs.
- Collaborated within a growth-focused tech community, leveraging problem-solving skills and a passion for learning to debug issues and enhance digital presence for small and mid-sized businesses.

PROJECTS:

CRM System - (Vue.js, Node.js, Express.js, SQL, WebSocket, WhatsApp Business API) | Link

- Built a production-ready CRM platform managing leads, policies, follow-ups, reports, and agent workflows.
- Integrated WhatsApp chat functionality & template-based messaging for real-time follow-ups & customer engagement.
- Created analytics & report generation modules with data exports for business and performance insights.
- Implemented RBAC-based dashboards enabling agents to manage clients, follow-ups & communication independently.
- Handled location-based data manipulation and business news modules to support contextual decision-making.
- Reduced API response time by 65–70% using pagination, indexing, filtering, sorting, and optimized queries.

AI-Driven News Analysis & Video Content Generator - (n8n, JavaScript, LLMs, REST APIs) | Link

- Built an end-to-end AI automation pipeline to fetch, filter, rank, and transform live news into YouTube-ready content.
- Executed relevance scoring, primary/backup news selection, and structured parsing for multi-news handling.
- Automated script writing, title generation, thumbnail text, and video descriptions using LLM workflows.
- Merged Google Sheets for structured storage, tracking, and content scheduling at scale.
- **Impact:** Enables creators to publish high click-through rate (CTR) news videos faster by eliminating manual research, scripting, and optimization.

Doctor Appointment Booking WebApp - (React.js, Node.js, Express.js, MongoDB) | Link

- Engineered a web-based doctor appointment booking system allowing patients to search doctors and book available time slots seamlessly.
- Incorporated real-time slot availability and appointment scheduling to reduce conflicts and manual coordination.
- Crafted a Doctor Dashboard to view daily schedules, patient details, and upcoming bookings in one place.

EDUCATION:

Bachelor of Technology in Computer Science
Jabalpur Engineering College, Jabalpur
- **CGPA**: 7.26

Higher Secondary Education
Excellence Higher Secondary School, Jaithari.
- **Achievements:** 10th: 94.6%, 12th: 93.4%.

EXTRACURRICULAR ACTIVITIES: Chess Player, Coordinator, Leadership.