

Mayank Raj Singh

+91827-394-9533 ◇ mayankrajsingh059@gmail.com ◇ LinkedIn ◇ GitHub

SUMMARY

Computer Science undergraduate with strong problem-solving and analytical skills, experienced in designing end-to-end solutions for real-world business problems. Skilled at understanding requirements, translating customer needs into technical and business-friendly solutions, and collaborating with product and development teams. Highly interested in solution consulting and customer-facing roles that combine technology, communication, and value-driven sales.

EDUCATION

| | |
|---|----------------------------------|
| Bachelor of Technology in Computer Science, Vellore Institute of Technology | Sep '22 — Present India |
| XIIth, Gayatri Public School (GPA: 8.86) | Jul '20 — May '21 Agra, India |
| Xth, Gayatri Public School (GPA: 9.02) | Jul '18 — May '19 Agra, India |

EXPERIENCE

| | |
|---|-------------------|
| Perfect Software Solutions Agra | Nov '24 — Jan '25 |
| • Completed a 10-week internship program with exposure to the full software development lifecycle and real-world business workflows. | |
| • Worked on 3+ mini-modules involving frontend and backend development using HTML, CSS, JavaScript, Node.js, Express, and MySQL. | |
| • Collaborated with a 4–5 member team , participating in reviews and requirement clarification sessions. | |
| • Improved application reliability by identifying and resolving 15+ bugs/issues during testing and debugging. | |
| • Supported version control and deployment activities using Git/GitHub, improving development efficiency and code organization. | |
| • Practiced explaining technical concepts to peers and mentors, strengthening communication and solution presentation skills. | |

PROJECTS

| | |
|--|-------------------|
| Hotel Booking Marketplace Web Application (Frontend) | Aug '23 — Oct '23 |
| • Designed a customer-facing marketplace that allows hotel owners to list their properties and reach potential customers. | |
| • Built UI flows for hotel listing, discovery, and booking based on user preferences such as location, price, and amenities . | |
| • Improved page load performance and responsiveness through efficient UI rendering and component optimization. | |
| • Focused on creating a smooth onboarding experience for hotel owners, improving ease of listing and visibility. | |
| • Developed intuitive search and filtering interfaces to help users make faster booking decisions. | |
| • Structured the platform to support 50+ hotel listings with responsive layouts optimized for desktop and mobile. | |
| • Applied business-oriented UI design principles to balance owner visibility and customer conversion . | |

| | |
|---|-------------------|
| Walmart Stock Management and Prediction System | Jul '25 — Aug '25 |
| • Technologies Used: MySQL, Node.js (backend), APIs (Weather and Festival), Frontend (HTML/CSS/JS.) | |
| • Designed and implemented a web-based inventory solution capable of managing 500+ product records with real-time stock visibility. | |
| • Analyzed sales trends and external factors (weather and festival data) to generate 10–15% more accurate product demand recommendations . | |
| • Reduced manual stock monitoring effort by ~30% through automated low-stock alerts and dashboard insights.. | |
| • Built a user-friendly dashboard that improved data visibility for non-technical users, enabling faster decision-making by ~25% . | |
| • Integrated multiple APIs with a MySQL backend, handling 1,000+ data entries efficiently through optimized queries. | |

SKILLS

Programming Languages Java, HTML/CSS

Web Frameworks Node.js, Express.js, Ejs, Bootstrap

Development Tools Git/GitHub, VS Code, IntelliJ, ChatGPT

Databases MySQL

Additional Skills Client-focused solution design, Presentation & explanation of technical concepts to non-technical users, Cross-team collaboration, Requirement gathering & problem analysis