Manish Kumar Sah
Full Stack Developer | Software Engineer

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EDUCATION

Lovely Professional University   2023-2027
Bachelor of Technology - Computer Science and Engineering (CGPA: 8.28)   *Jalandhar, Punjab*
Regional Secondary School   2020-2022
Higher Secondary Education (CGPA: 8.70)

EXPERIENCE

Project Admin — GirlScript Summer of Code (GSSoC)   Mar - 2025
- Mentored 20+ developers in open-source best practices, resulting in a 40% increase in code contribution quality, measured by peer review scores and reduced code defects.
- Directed **10+ projects** by setting milestones, triaging issues, and reviewing PRs, improving merge turnaround time by **~20%**.

PROJECTS

QuickStay – Hotel Booking | *MERN Stack, Clerk (Authentication), Cloudinary* ⌨
- Designed and optimized hotel onboarding workflows, reducing registration time by 30% and room update latency by 25% for scalable deployment.
- Integrated **Clerk authentication** to ensure **100% secure user sessions**, **Cloudinary** for optimized image storage reducing load times by **40%.**

Raj Fashion eCommerce Website | *React, UI/UX Documentation, Frontend Development* ⌨
- Documented frontend behavior and user interaction flows for the Raj Fashion eCommerce website, improving feature consistency, reducing debugging time by 25%, and enabling key features to launch 2 weeks early.
- Enabled a seamless shopping experience with enhanced load times (35% faster) and intuitive navigation, ensuring accessibility and usability across devices.
- Collaborated with developers to ensure timely feature implementation, improving development speed by 30% and enhancing user engagement by 20% post-launch.

Live Posture Detection | *HTML, CSS, JavaScript(ml5.js,p5.js)* ⌨
- Developed a browser-based real-time posture detection application using **p5.js** and **PoseNet (ml5.js)** to capture, analyze, and visualize 17 human body keypoints from webcam streams.
- Developed a user-friendly interface for the interactive canvas, enabling users to customize keypoint display and tracking parameters; increasing user satisfaction scores by 25% within 3 months.

PROFILES

LeetCode   GeeksforGeeks   CodingNinjas   TakeUForward

SKILLS

Languages: C, C++, SQL, PHP, HTML, CSS, JavaScript, Java, Python, Typescript
Technologies: React.js, Express.js, Node.js, MongoDB, PostgreSQL, Next.js, Bootstrap
Tools: Git, GitHub, Docker, MS Excel, VS Code
Coursework: Low-level Design(LLD), Algorithm Analysis, Operating System(OS), Data Structures, Networking, Database (DBMS), Software Engineering
Non-Technical Skills: Adaptive Learner, Leadership Capability, Effective Communication

ACHIEVEMENTS & CERTIFICATIONS

- Ranked among the top 0.25% of 10,000+ participants in the ***Kshitij Math Olympiad***, demonstrating exceptional aptitude in advanced mathematics, securing a coveted spot within the top 25.
- Selected as Campus Mantri at GeeksforGeeks (2025), leading a tech community of 3,000+ members and organizing 10+ hackathons and workshops.
- Achieved 160+ day coding streak on ***GeeksforGeeks***, recognized with a ***Certificate*** of Completion.
- Achieved a LeetCode Contest Rating of 1600+, placing in the top 21% globally among active participants.