

Manya Gupta

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EDUCATION

Vellore Institute of Technology B.Tech. Computer Science and Engineering, Major in Computer Science Current Cumulative GPA: 8.72/10	Bhopal, Madhya Pradesh (Sep, 22 – Jun, 26)
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TECHNICAL SKILLS

Proficient in Python, SQL, Java, HTML, CSS, Javascript, Power BI, Excel, C++, React Native.

PROJECTS

MediSinCare: A Healthcare Platform	(Jul, 24 – May, 25)
<ul style="list-style-type: none">Developed MediSinCare, a healthcare platform that provides symptom-based diagnosis, personalized diet plans, natural home remedies and wellness practices for 100+ diseases and 100+ categorized symptoms, making healthcare more accessible.Built and integrated features for personalized health recommendations, enhancing the accuracy of symptom-diagnosis by ~85% (based on test cases).Designed and developed responsive front-end pages using HTML, CSS, and JavaScript, improving navigation efficiency by 30% in user testing (Team project).	
ImageGuard: AI-Powered Image Tampering Detection	(Oct, 25 - Ongoing)
<ul style="list-style-type: none">Built a fully responsive and production-ready frontend for an Image Tampering Detection system using React.js, enabling real-time image upload, preview, validation, and interactive visualization of detection results.Integrated the frontend with Flask APIs and ONNX-optimized deep learning models, improving inference performance and ensuring smooth, low-latency communication between client and server.Collaborated on end-to-end deployment using AWS EC2, S3, and Docker, ensuring the frontend was fully containerized, scalable, and production-ready while supporting a high-accuracy (93%+) CNN/VGG16/ResNet-based image forensics pipeline. (Team project).	
Movie Ticket Booking Platform	(Apr, 25)
<ul style="list-style-type: none">Engineered a full-stack movie ticket booking platform using the MERN stack, featuring real-time movie listings, seat selection, and secure online payments for 100+ simulated users.Designed and implemented a responsive, user-friendly UI with smooth navigation and interactive booking flow, reducing booking time by 25% in testing and preventing double-bookings (Team project).	

INTERNSHIPS

Interned at CoreCard Software India Pvt. Ltd.	Bhopal, Madhya Pradesh
<ul style="list-style-type: none">Worked in the Data Warehouse department.<ol style="list-style-type: none">Handled and maintained a large database using SQL.Data visualization using Power Bi.Worked in the HR department.<ol style="list-style-type: none">Facilitated employee training programs, workshops, and updated the company calendar with all the event details, policy updates, responding to every employee inquiry in under 24 hours.	(Jan, 24 – Jan, 24)
Interned at Indra Publishing House	Bhopal, Madhya Pradesh
<ul style="list-style-type: none">Performed editing and proofreading of books.	(Oct, 23 – Dec, 23)

CERTIFICATIONS & TRAINING

Fullstack Development MongoDB (SmartBridge), Gen AI (IBM), Marketing Analytics (NPTEL), Cloud Computing (NPTEL), Simulink Onramp (MathWorks), MATLAB Onramp (MathWorks), Python (United Computer Associates).

EXTRACURRICULAR

Research paper: Selected among 1,200 research scholars out of 168,000 applicants for presenting a paper on Art, Literature, and Culture of India at the Bhartiya Shiksha Mandal – Vision for Viksit Bharat 2024 National Conference.