

# ANSH BANSAL

+91 9425342604 | anshbansalbpl@gmail.com | [linkedin](#) | [GitHub](#)

## PROFILE

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Dynamic Computer Science undergraduate with hands-on expertise in full-stack MERN development, crafting scalable, high-performance web applications from concept to deployment. Proficient in leveraging Generative AI concepts to innovate and enhance application functionalities. Skilled in end-to-end project management, ensuring seamless integration of front-end and back-end systems. Demonstrated ability to handle complex datasets and deliver user-centric solutions with precision and efficiency.

## EDUCATION

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VIT Bhopal University, Bhopal, MP <b>Bachelor of technology, Computer Science</b> , CGPA 8.59	2022- 2026
St Joseph Co-Ed School,Bhopal, MP <b>Higher Secondary</b> , Percentage 92.4%	MAY 2022
St Joseph Co-Ed School,Bhopal, MP <b>Secondary school</b> , Percentage 85.6%	MAY 2020

## SKILLS

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- **LANGUAGES:** C++, C, Java, JavaScript, MySQL, MongoDB, Python, MATLAB
- **TECHNOLOGY/Frameworks:** HTML5, CSS3, React, Node, Express
- **DEVELOPER TOOLS:** VS Code, Git, GitHub, Eclipse, Android Studio, MS Office Suite, Canva, Docker
- **CONCEPTS:** Data Structures & Algorithms, DBMS, Object Oriented Programming, Asynchronous Programming
- **LANGUAGES(Spoken):** English, Hindi

## PROJECT EXPERIENCE

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- **BookNest: Full-Stack MERN Online Bookstore**  
Engineered BookNest, a robust full-stack MERN application, delivering a seamless and scalable online bookstore experience. Implemented real-time data management and secure transaction processing to ensure reliable performance. Designed an intuitive, responsive UI, enhancing book discovery and user engagement. Integrated personalized recommendation algorithms to cater to diverse user preferences.
- **Machine Learning for Healthcare Diagnostics**  
Developed advanced machine learning models to predict heart disease and detect diabetic retinopathy, significantly enhancing diagnostic accuracy and clinical decision-making. Expertly applied data preprocessing, feature selection, and rigorous model evaluation techniques to ensure robust, reliable, and high-performing results. Leveraged cutting-edge algorithms to improve early detection and patient outcomes. Demonstrated strong analytical skills in handling complex medical datasets, delivering impactful solutions for healthcare challenges.

## ACHIEVEMENTS

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- **LeetCode:** Solved 150+ problems, enhancing algorithmics thinking and problem solving skills- [LeetCode](#)
- Solved all 50 questions of SQL on Leetcode