

ANSH BANSAL

Bhopal, Madhya Pradesh

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LinkedIn

Github

EDUCATION

Vellore Institute of Technology Bhopal

Btech. in Computer Science - CGPA - 8.64

2022 – 2026

Bhopal, India

St. Joseph Co-Ed School

CBSE - PCM - Percentage - 92.4%

2021 – 2022

Bhopal

St. Joseph Co-Ed School

CBSE - Percentage - 85.17%

2019 – 2020

Bhopal

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, MySQL, MongoDB, MATLAB

Developer Tools: VS Code, Git, GitHub, Eclipse, Android Studio, MS Office Suite, Canva, Docker

Technologies/Frameworks: HTML5, CSS3, React, Node, Express, AWS

Concepts: Data Structures & Algorithms, DBMS, Object Oriented Programming, Asynchronous Programming
PROJECTS

BiblioManzil ↗ | MERN Stack (MongoDB, Express.js, React, Node.js)

04-2025

- Designed and launched BiblioManzil, a user-friendly web application where readers can freely download ebooks, purchase new titles, or donate pre-loved books to support others in need.
- Developed secure book transaction features alongside real-time updates, making it easy for users to buy, download, or request donated books without friction.
- Implemented personalized book recommendations and a streamlined donation process to encourage community-driven sharing and enhance the digital reading experience.

GraduateConnect Platform ↗ | MERN Stack (MongoDB, Express.js, React, Node.js)

07-2024

- Engineered a Full-Stack Alumni Networking Platform utilizing the MERN stack (MongoDB, Express.js, React, Node.js), supporting comprehensive user profile management and a dedicated job board feature.
- Designed and secured the RESTful API with JWT Authentication; integrated Socket.IO to power real-time private messaging and push notifications, successfully driving a 40 percent increase in active user engagement.

JeevanCheck ↗ | Machine Learning (Python, Scikit-learn, Pandas)

02-2025

- Built machine learning models including Random Forest, SVM, and CNN to detect heart disease and diabetic retinopathy with high accuracy.
- Performed thorough data preprocessing and model evaluation to ensure robust and reliable diagnostic predictions.
- Delivered practical healthcare solutions by translating medical data into actionable insights for improved patient diagnosis.

EXTRACURRICULAR

- Conducted coding sessions and study groups with classmates, helping peers strengthen their programming skills and encouraging collaborative learning.
- Participated in college hackathons, working with teams to develop creative solutions under time constraints and enhancing problem-solving abilities.
- Assisted in organizing technical and non-technical events at college, supporting smooth execution and demonstrating teamwork and organizational skills.

ACHIEVEMENTS AND CERTIFICATIONS

- LeetCode: Solved 350+ problems, enhancing algorithmic thinking and problem-solving skills.
- Oracle Cloud Infrastructure DevOps Professional
- GEN AI Using IBM Watsonx
- Full Stack Developer MERN by Smartbridge
- 5 Star Rating in CPP and MySQL on HackerRank