

# ANSH BANSAL

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## EDUCATION

**Vellore Institute of Technology Bhopal**

*Btech. in Computer Science - 8.68 CGPA*

**09 2022 – 09 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

**GyanBazaar** 🗄 | [MERN Stack \(MongoDB, Express.js, React, Node.js\)](#)

**04 2025**

- Developed a scalable web app enabling seamless book browsing, real-time updates, and secure transactions.
- Built intuitive UI and integrated personalized recommendations to enhance user engagement.

**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 among 500+ alumni.

**JeevanCheck** 🗄 | [Healthcare Diagnostics with Machine Learning \(Python, Scikit-learn, Pandas\)](#) 02 2025

- Created ML models for detecting heart disease and diabetic retinopathy to improve diagnostic accuracy.
- Applied robust data processing and evaluation to deliver practical solutions for healthcare challenges.

## 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 events at college, supporting smooth execution and demonstrating teamwork and organizational skills.

## ACHIEVEMENTS AND CERTIFICATIONS

- LeetCode: Solved 350+ problems, enhancing algorithmics 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