

# VANSH SHARMA

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*B.Tech Computer Science Student / Aspiring Software Developer*

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Portfolio: <https://vansh-coding-bit.github.io>

## PROFESSIONAL SUMMARY

B.Tech Computer Science student with strong foundations in Data Structures and Algorithms and Object-Oriented Programming. Experienced in building academic projects and maintaining structured repositories using Git and GitHub. Actively solving coding problems to improve logical thinking and time complexity understanding. Seeking software development internships to apply backend and problem-solving skills in real-world environments.

## EDUCATION

Bachelor of Technology in Computer Science and Engineering

Greater Noida Institute of Technology, AKTU

2024 – 2028 | CGPA: 7+

## TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java

Core Concepts: Data Structures, Algorithms, Object-Oriented Programming, Time and Space Complexity

Database: MySQL

Web Technologies: HTML, CSS

Tools: Git, GitHub

## PROJECT EXPERIENCE

### CareCloud – Healthcare Data Management System

Designed and developed a structured healthcare data management system to store and manage patient records efficiently.

- Designed relational database schema using MySQL to manage patient records and healthcare data.
- Implemented structured data handling logic to ensure organized storage and retrieval of patient information.
- Applied core Data Structures concepts to optimize record lookup and improve logical efficiency.
- Modeled real-world hospital workflows into functional software requirements.
- Focused on data organization, modular code structure, and system usability.
- Prepared detailed documentation outlining system design and workflow architecture.

## CODING EXPERIENCE

- Regularly solve Data Structures and Algorithms problems on LeetCode.
- Maintain GitHub repositories showcasing academic and personal projects.
- Use version control practices including structured commits and repository management.
- Focus on improving problem-solving efficiency and optimizing algorithm performance.

## CORE COMPETENCIES

- Strong analytical and logical thinking
- Structured problem-solving approach
- Quick adaptability to new technologies
- Effective communication and teamwork