VISHAL KURVE

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EDUCATION

Year	Degree/Exam	Institute	CGPA/Percentage
2025	B.TECH (Electronics and Telecommunications Engg.)	Yeshwantrao Chavan College Of Engineering,Nagpur	7.72/10.00
2020	Class XII,TSBIE	Sri Chaitanya Junior Kalasala,Ameenpur,Hyderabad	87.90%
2017	Class X, CBSE	Saket Public School,Gondia	88.2%

OBJECTIVE

An efficient problem solver who enjoys working in a collaborative environment. A dedicated tech enthusiast committed to outperforming and continuously improving. Focused on becoming a valuable resource to the company through technical expertise, creativity, and a strong work ethic.

TECHNICAL SKILLS

Languages and Libraries: C | C++ | C++ STL | OOPS | Data Structures and Algorithms | HTML

Tools: Git| Github

Integrated Development Environments: Visual Studio Code | CodeBlocks

PROJECTS

LED CUBE USING MICROCONTROLLER 8051

- LED Cube using Microcontroller 8051 Developed an LED Cube project with Microcontroller 8051, showcasing hardware interfacing, microcontroller programming for LED control, and ensuring seamless power supply and connectivity.

SUDOKU SOLVER

- Designed a simple Sudoku solver in C++ that employs a backtracking algorithm to fill the grid with valid numbers. This project showcases my ability to implement algorithms and solve complex problems efficiently. Unlike the Conventional method I have utilised **Bitmasking** Approach to solve this problem saving a lot on Time Complexity and Space Complexity.

BIG INTEGER IN CPP

- Implemented a basic Big Integer library in C++ to handle arithmetic operations on numbers exceeding 20 digits. Utilized linked lists to manage large number storage and implemented algorithms for addition, subtraction, Multiplication and Division. I also added a function to calculate Factorial of the large number. This project demonstrates proficiency in data structures, algorithms, and handling large-scale computations in C++.

ACHIEVEMENTS

- Achieved **5** stars on HackerRank.
- Solved over **340** problems on data structures and algorithms combined on GeeksforGeeks and LeetCode, showcasing strong analytical and coding skills.
- Received **3** LeetCode Badges.
- Consistently solved the Problem of the Day on GeeksforGeeks for **105** consecutive days and the Daily Problem on LeetCode for **75** consecutive days, and still solving, demonstrating continuous commitment to problem-solving and skill improvement.

CERTIFICATIONS

Course Name	Course Instructor | Duration	Issuing Authority	Issue Date:
Data Structures and Algorithms using C and C++	Abdul Bari (53 hours)	Udemy	March 2023
Supervised Machine Learning: Regression and Classification	Andrew Ng (33 hours)	Coursera (Deep Learning.ai)	April 2024
C++ Tutorial for Complete Beginners	John Purcell (10 hours)	Udemy	June 2024