VISHAL KURVE

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EDUCATION

YEAR	DEGREE/EXAM	INSTITUTE	CGPA/PERCENTAGE
2025	B.TECH (Electronics and Telecommunications)	Yeshwantro Chavan College Of Engineering,Nagpur	7.754/10
2020	Class XII, TSBIE	Sri Chaitanya Junior Kalasala,Ameenpur,Hyderabad	87.90
2018	Class X,CBSE	Saket Public School,Gondia(MH)	88.20

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 | SQL
Tools / Databases: Git| Github | MySQL
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 (link)

- 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 (link)

- 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++.

ACHIEVMENTS

- Achieved **5** stars on HackerRank.
- Solved over **370** problems on data structures and algorithms combined on GeeksforGeeks and LeetCode, showcasing strong analytical and coding skills.(link)
- Received **3** LeetCode Badges.
- Consistently solved the Problem of the Day on GeeksforGeeks for **110** consecutive days and the Daily Problem on LeetCode for **83** 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