# MM KUMAR

Bihar, India, 811302

OOPS Concept

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#### Relevent Coursework

 Design and Analysis of Algorithms

• DBMS

• Operating Systems

• Discrete Mathematics

• Computer Networks

# EDUCATION

#### •Chandigarh Engineering College Jhanjeri

B. Tech Computer Science and Engineering

Sep 2021 - July 2025 CGPA: 8.2

•Schooling 12th: Adarsh Gyanodaya Vidalaya

April 2018 - March 2020

Central Board of Secondary Education

Percentage: 73.6

•Schooling 10th: Adarsh Gyanodaya Vidalaya

April 2017 - March 2018

Central Board of Secondary Education

Percentage: 81

### **PROJECTS**

#### •Project 1 : File Zipper Text Compressor

Designed and implemented a secure and memory-efficient Console based Text Compressor Application in C++

- Tools & Technologies Used: C++ | OOPs | STL | Visual Studio | Data Structures: vector, unordered Map | Min Heap | Binary Tree C Zipper Link

#### Project 2 : ToDoList Application

Developed a user authentication Console based ToDo List software in C++ for task management to enhance productivity.

- Tools & Technologies Used: C++ | STL | Visual Studio | Database: File System | Data Structures: vector, unorderedset | Lambda Expressions 🗘 ToDoList Link

#### •Project 3 : TicTacToe

Implemented a Tic-Tac-Toe console based game application in C++, adhering to Object-Oriented Design principles.

- Tools & Technologies Used : C++ | Visual Studio C Link

#### •Project 4: Portfolio Website

Created a personal portfolio website to showcase skills and project achievements.

- Tools & Technologies Used : HTML | CSS | Visual Studio Link

#### TECHNICAL SKILLS AND INTERESTS

**Languages:** Proficient in C++, Python

Expertise Area: Data Structures and Algorithms, Compititive Programming, Object-Oriented Programming(OOPs),

SQL, Object Oriented Design(OOD)

 $\textbf{Tools/Technologies}: \ VS \ Code, \ GitHub, \ HTML, \ CSS, \ JavaScript$ 

**Area of Interest**: Software Development, Backend

Interpersonal Skills: Active listining, Strategic Planning, Motivational Speaking, Problem Solving, Communication

#### ACHIEVEMENTS

- •LeetCode Success: Attained a 3-star rating and solved over 850 problems on LeetCode, showcasing problem solving skills and dedication to continuous improvement. Link - LeetCode Profile
- •Excellence at Amazon Imitation Drive Expo: Secured the 3rd position in college ranking at the "Amazon Imitation Drive Expo", organized by CCPD, demonstrating outstanding performance and competence in a competitive environment. - Certificate Link
- •Leetcode Contest: Got AIR 2348 and Global Rank 5850 out of 28234 candidates in Biweekly 122

## TRAINING

Web Development: Successfully completed a web development training program at PG Tech Pvt. Ltd. in July 2023. Demonstrated proficiency in HTML, CSS, and JavaScript with hands-on experience in developing responsive web applications. - Certificate Link