

Abhiman Chauhan

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EDUCATION

UIET CHANDIGARH, INDIA

BACHELORS OF ENGINEERING IN INFORMATION TECHNOLOGY

Dec 2021 - Jun 2025 | , CHANDIGARH, India

CGPA: 7.77/10

NISHAN PUBLIC SCHOOL

12TH - CBSE

April 2020 - March 2021 | Karnal, Haryana, India

Percentage: -95.8

COURSEWORK

INFORMATION TECHNOLOGY

Data Structures and Algorithms

Object Oriented Programming

Computer Networks

Advanced Software Engineering

Operating Systems

Microprocessor and Interfacing

SKILLS

LANGUAGES

- C++
- JavaScript
- Java
- Python

CONCEPTS

- Object-oriented programming
- Functional Programming
- Operating System Fundamentals
- Agile/Scrum
- MVC
- Processor Architecture

WEB TECHNOLOGIES

- NodeJs
- ExpressJs
- MongoDB
- HTML, CSS
- ReactJs

PROJECTS

MULTI SPLAY TREE

• Multi Splay tree is an advanced binary search tree with a competitive bound for $O(\log \log n)$. It is a complex data structure made by combining more than one splay trees to form a single binary search tree for better access time.

- Tested the tree for various search sequences and modifying the number of nodes in each sequence using C. Analysed the run-time for each sequence

EXPENSE-TRACKER-WEBSITE

• Our project is about designing An expense-sharing application where you can add your expenses and split them among different people. The Program keeps balances between people as in who owes how much to whom.

- Tech Stack - React-JS, JS, JSON, Node-JS, NPM

GYM-WEBSITE

• A gym website typically provides information about the gym's facilities, services, membership options, and class schedules to potential customers, as well as a platform for current members to manage their accounts and book classes..

- Tech Stack - JS, Node-JS, NPM, APIs
- Material UI is used for styling purpose

OTHERS

GEEKSFORGEEKS | DATA STRUCTURES AND ALGORITHMS

geeksforgeeks.com/Abhiman

CODECHEF | COMPETITIVE PROGRAMMING

CodeChef.com/Abhiman

CODEFORCES | COMPETITIVE PROGRAMMING

CodeForces.com/Abhiman

DEVELOPMENT | MERN STACK

Sept 2023 – Present

- Created minor and major projects using MERN stack.
- Learned about the concepts of API fetching and Storage Systems.

DEVELOPMENT | DSA

Sept 2023 – Present

- Created minor and major projects using C, C++ language
- Learned about the concepts of Heaps, sorting, AVL trees, Splay trees

DECLARATION

- I hereby declare that all the information given above is correct and true to the best of my knowledge.