Bhoovesh Vyas

LinkedIn | GitHub | Leetcode | GFG | Codolio | Codeforces

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SUMMARY

I am a dedicated computer science enthusiast currently pursuing a B.Tech in Computer Science and Engineering. Passionate about solving complex problems, creating impactful projects, and excelling in competitive programming.

TECHNICAL SKILLS

Languages	:	C++, HTML, CSS,Javascript
Libraries	:	React.js, Redux,jQuery
Dev Tools	:	Visual Studio Code, Git
Core Concepts	:	OOPS, OS

PROJECTS

Paste Manager Web App
React.js, Redux Toolkit, Tailwind CSS, JavaScript, LocalStorage

Personal Project
Source Code

- Developed a web-based paste management system to **create, update, view**, and **delete** text snippets.
- Implemented global state management using **Redux Toolkit**, ensuring fast and consistent state updates across components.
- Added **copy-to-clipboard** and **share functionality** to enhance user accessibility and interaction.
- Integrated **LocalStorage persistence** to retain user pastes across sessions without a backend.
- Designed a responsive and clean UI using **Tailwind CSS**, following a modular component-based architecture.
- Utilized **React Router** to enable smooth navigation between Home, Pastes List, and Individual Paste pages.

TEXT File Compressor using Huffman Encoding
C++,STL,FILE I/O

Personal Project
Source Code

- Implemented character-frequency-based **Huffman Compression** algorithm in C++ for reducing file size.
- Designed a custom **binary tree** and **encoder** to convert text into optimized binary format.
- Used **bit manipulation** and **binary file I/O** to write compressed data with padding.
- Demonstrated skills in **data structures**, **algorithm design**, and **system-level programming**.

EDUCATION

VIT Bhopal University
Bachelor of Technology in Computer Science and Engineering

Sept 2023 – June 2027
CGPA: 8.46

Eternal School Of Studies
Class 12

July 2008 – June 2022

ACHIEVEMENTS

Solved 1200+ coding problems, including:
- Data Structures and Algorithms: 800+ problems solved.
- Competitive Programming: 400+ problems tackled.

Platform Ratings:
- **LeetCode:** 500+ problems solved, rating of 1782.
- **GeeksforGeeks (GFG):** 250+ problems solved, rating of 1712 (3-Star).
- **Codeforces:** 390+ problems solved, rating of 1165.
- **CodeChef:** Rating of 1515 (2-Star).

Participated in 48+ contests, showcasing competitive coding skills.

CodeChef Starters 157: Achieved 758th rank out of 27,600+ participants.

CodeChef Starters 163: Achieved 861th rank out of 26,000+ participants.

Commitment to Coding: Demonstrated consistency with 365+ days of continuous coding practice.