# Vinit

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### **OBJECTIVE**

Final-year B.E. Computer Science student aspiring to become a Software Development Engineer, with a strong foundation in computer science fundamentals, data structures, and algorithms. Skilled in C++, Node.js, Express.js, MongoDB, Docker, Podman, and Linux, with hands-on experience in full-stack web development. Eager to contribute to high-impact engineering teams, solve real-world problems at scale, and grow in a challenging, collaborative environment.

#### **PROJECTS**

# AI Overlay Assistant | Personal Project

- Built a real-time Windows desktop overlay using PyQt6 and Windows API to capture and analyze on-screen content. Integrated OpenAI API for context-aware conversational AI assistance through seamless on-screen interaction.
- Tech Stack: PyQt6, Windows API, OpenAI API, Real Time Screen Capture

## **Music Streaming Web App**

- Developed a responsive web app with real-time audio playback by integrating a third-party music API, featuring core controls like play, pause, and dynamic UI for seamless user experience.
- Tech Stack: JavaScript, Node.js, HTML, CSS, Apple Music API

#### **SKILLS**

**Programming Languages** C++, JavaScript, HTML, CSS

**Back-End & Frameworks** Node.js, Express.js

DatabasesMYSQL, MONGODBCs ConceptsDSA, OOPS, OS, DBMS

**DevOps & Tools** Docker, Podman, Git, GitHub, Linux (CLI)

# **EDUCATION**

**Bachelor of Computer Science, Chandigarh University;** 

2022 - 2026

CGPA: 7.13

Senior Secondary (XII): Bharat Mata SBM Sr. Sec. School, Delhi

Aug 2020 - Aug 2021

Science (PCM), Percentage: 82%

**Relevant Coursework:** Data Structures, Analysis of Algorithms, Networking, Databases, Object-Oriented Design, Problem Solving.

# **EXTRA-CURRICULAR ACTIVITIES**

- Solved 350+ problems on Leetcode and other platforms.
- Participated in multiple online Hackathons and events.
- Built multiple responsive web apps using HTML5, CSS3, Bootstrap, Javascript, Node.js.

## **CERTIFICATIONS**

- Completed certification in Data Structures and algorithm from Codehelp.
- Online Certification of Cloud Computing (NPTEL).
- Foundations of Cloud IOT Edge ML (NPTEL).
- DSA in C++ from Coursera.