

## **Mohit Chamoli**

Phone: +91 8869862542

Email: Mohitchamoli1207@gmail.com

GitHub: <https://github.com/mohitchamoli>

LinkedIn: <https://www.linkedin.com/in/mohit-chamoli-a837a7348>

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### **ACADEMIC DETAILS**

Year	Degree	Institute	GPA / Marks
2024 – 2028	BTech (CSE)	Graphic Era Hill University	8.55 CGPA
2023	12th	SVMIC Uniyalsari, Chamba, Tehri Garhwal	87%
2021	10th	SVMIC Uniyalsari, Chamba, Tehri Garhwal	84%

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### **TECHNICAL SKILLS**

#### **Languages & Core:**

C, C++, JavaScript, Dart

#### **Web & App Development:**

React, HTML5, CSS3, TailwindCSS, Flutter, REST APIs

#### **Backend & Real-Time Systems:**

Node.js, WebSockets, Firebase, API Integration

#### **Maps & Networking:**

Google Maps API, Real-time location tracking, Client-server architecture

#### **Tools & Platforms:**

Git, GitHub, Linux, Android studio, Figma, Deployment & Hosting

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### **PROJECTS**

#### **BingeBuddy — Real-Time Watch Party Web App (*Deployed*)**

**Objective:** A multi-user platform that allows people to watch YouTube videos together in sync, with host control and real-time chat.

#### **Key Features:**

- Host-controlled play, pause and seek
- Auto-sync new users to the current timestamp
- Room system with shareable links and codes
- Live user list and chat system

**Technologies:** React, JavaScript, WebSockets, YouTube IFrame API, Node.js

**GitHub repo:** <https://github.com/mohitchamoli/Bingebuddy>

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#### **TapeVibe — Shareable Mixtape Generator (*Deployed*)**

**Objective:** A web app that lets users create and share retro-style mixtapes from Spotify, YouTube and SoundCloud links.

#### **Key Features:**

- Custom cassette label with recipient name
- Up to 5 tracks per tape
- Auto-play on open with animated cassette UI
- Share via WhatsApp, Telegram, email, or link

**Technologies:** HTML, CSS, JavaScript, Spotify Embed API, YouTube IFrame API, SoundCloud API

**GitHub repo:** <https://github.com/mohitchamoli/>

**Live :** <https://tape-vibe.vercel.app/>

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#### **Unibus — University Bus Tracking System (*Deployed*)**

**Objective:** A real-time web application to help students track university buses live on a map.

#### **Key Features:**

- Live GPS-based bus tracking
- Google Maps integration
- Student-friendly interface for quick access
- Designed for campus-scale transport management

**Technologies:** JavaScript, Google Maps API, Web APIs, Real-time data handling

**GitHub:** <https://github.com/mohitchamoli/unibus>

**Live:** <https://unibus-beta.vercel.app/>

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#### **Obscura — Open-Source VPN Application (*In Progress*)**

**Objective:** A Flutter-based VPN application aimed at building a simple, open-source privacy tool for users.

#### **Key Features:**

- Cross-platform client (Android & Windows)
- Server-based VPN routing
- Clean Flutter UI
- Open-source development model

**Technologies:** Flutter, Dart, Networking, Linux-based VPN backend

**GitHub:** <https://github.com/mohitchamoli/Obscura>