

ABHAY KUMAR

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🐙 [Abhay2004Kumar](https://github.com/Abhay2004Kumar)

Education

Indian Institute of Information Technology(IIT) Una

Nov 2022 - Present

Bachelor of Technology(B.Tech) in Computer Science Engineering.

CGPA - 8.25 / 10

Projects

Top Scorer | 🐙 [GitHub](https://github.com)

- A sports website designed to enhance inter-college sports events by providing real-time updates and efficient management of participants, matches, and scores.
- Built a user-friendly frontend for displaying match scores and details, ensuring a visually engaging experience.
- **Tech Stack:** Node.js, Express.js, Socket.IO, JWT, MongoDB, React.js
- **Roles and Contributions:** Collaborated on frontend pages for the Admin Panel and fully developed backend models and controllers.

Attendy Pro | 🐙 [GitHub](https://github.com)

- User-friendly software application designed to simplify attendance tracking in educational institutions or organizational settings.
- By seamlessly integrating facial recognition capabilities, the system obviates the necessity for conventional methods such as paper-based registers or card swiping, thereby optimizing user convenience and operational efficiency.
- Customisable design elements implemented through **Tkinter** GUI library of python & **PIL** library to handle and modify images.
- **Tech Stack :** Python, Machine Learning, OpenCV, Tkinter, MySQL

Twitty-Tube | 🐙 [GitHub](https://github.com)

- A backend system that combines the features of YouTube and Twitter to enable seamless video uploads, tweets, and interactive user engagement through likes and comments.
- Implements secure **JWT-based authentication** for user login and supports email verification to ensure account authenticity.
- Uses **MongoDB** for scalable data storage, handling user profiles, tweets, videos, comments, and likes.
- **Tech Stack :** Node.js, Express.js, MongoDB, Cloudinary

Technical Skills

Languages: C/C++, Python, Kotlin, SQL, HTML, CSS, XML, JavaScript.

Frameworks: Jetpack Compose, Room Database, Firebase, Tkinter, OpenCV, Express.Js, React.js

Others: Database Management, MongoDB, Visual Studio Code, Git, GitHub, Linux, Android Studio, Operating Systems, Data Structure & Algorithms, REST API , Object Oriented Programming, Node.Js, Communication.

Achievements

Achieved **2-star** (HR 1520) at Codechef: [abs220504](https://www.codechef.com/abs220504) in C++.

Secured Rank - **24** among **80+** participants in Coderush IITU by [AlgoUnviersity](https://www.algo-university.com/).

Secured Rank - **1564** globally among **22,495** participants in Round 1 of **Hacker Cup** organised by [Meta](https://www.meta.com/).

Solved **700+** problems across [Leetcode](https://leetcode.com/) and [GeeksForGeeks](https://www.geeksforgeeks.com/).

Secured **1st Rank** in **Passing The Codebase (2023)** and **Robo Drive (2023)** held during Technical Fest of IIT Una.

Positions Of Responsibilities

EPMOC - Event Planning Management Organising Club (Management club of IITU)

Dec 2022 - Oct 2024

Supervised 5+ events & day-to-day operations of the Club overlooking initiatives, raising funds & organising events.

Mentoring 20+ junior members for planning & organisation of event as the **Core Member** of the club.