Abhay Kumar

(+91) 8210325981 | abs220502@gmail.com | abhay-kumar-74b16124a | Abhay2004Kumar

Education

Indian Institute of Information Technology(IIIT) Una   **Nov 2022 - Present**
Bachelor of Technology(B.Tech) in Computer Science Engineering.   CGPA - 8.25 / 10

Projects

Music Streamer App | GitHub
- Developed a comprehensive mobile application aimed at facilitating music streaming experience without ads.
- The UI is clean and intuitive, users can be able to navigate through the app easily.
- **Tech Stack :** Kotlin, Android Studio, Firebase, XML, Glide

WishList App | GitHub
- Add new items to your wishlist effortlessly.
- Browse through your wishlist to see all the items you've added.
- Edit the details of existing items to keep your wishlist up to date
- Deployed Room database for permanent wishlist data storage, enhancing data security and accessibility, leading to user engagement and loyalty even after app closure
- **Tech Stack :** Kotlin,Android Studio, Jetpack Compose, MVVM, Room Database

Attendy Pro | GitHub
- 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

Technical Skills

Languages: C/C++, Python, Kotlin, SQL, HTML, CSS, XML, JavaScript.
Frameworks: Jetpack Compose, Room Database, Firebase, Tkinter, OpenCV
Others: Database Management, Visual Studio Code, Git, GitHub, Linux, Android Studio, Operating Systems, Data Structure & Algorithms, REST API , Object Oriented Programming, Communication.

Achievements

Achieved **2-star** (HR 1440) at Codechef: **abhay_lucy** in C++.

Secured Rank - **24** among **80+** participants in Coderush IIITU by **AlgoUnviersity**.

Secured Rank - **1563** globally among **22,495** participants in Round 1 of **Hacker Cup** organised by **Meta**.

Solved **600+** problems across **Leetcode** and **GeeksForGeeks**.

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

Positions Of Responsibilities

EPMOC - Event Planning Management Organising Club (Management club of IIITU)   **Dec 2022 - Present**

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.

AAVESH - Electronics Society of IIIT Una   **Oct 2023 - July 2024**

Supervising juniors about **Arduino , Motor Driver & working of Electronic Sensors**
Managing various electronics workshops and working as **Video Editing Manager** in the club .