

YUVRAJ SINGH YADAV

Bachelor of Engineering
DAYANANDA SAGAR COLLEGE OF ENGINEERING BENGALURU

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EDUCATION

- **DAYANANDA SAGAR COLLEGE OF ENGINEERING BENGALURU** 2019-23
BE ELECTRONICS AND COMMUNICATION ENGG CGPA: 8.6
- **KENDRIYA VIDYALAYA ALIGARH** 2018
Central Board of Secondary Education(C.B.S.E) Percentage: 86

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C/C++, Python, Dart, Java
Libraries : C++ STL, Python Libraries, Unity Asset
Web Dev Tools: Django, VScode, Git, Github, Bootstrap
Data Analytic: Power BI
Frameworks: Django, Tkinter, Flutter
Cloud/Databases: Oracle SQL, MongoDB, Ms-Excel
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Object Oriented Principles, Software Engineering, Data Engineering, Database.
Areas of Interest: Software Engineering, Data Engineering .
Soft Skills: Self-learning, Presentation, Adaptability, Multi-tasking

EXPERIENCE

- **ONE ILLAHI TECHNOLOGY** FEB 2022 - APRIL 2022
JUNIOR FLUTTER DEVELOPER
 - Enhanced UI Experience: Revamped the UI/UX of the company portal, leveraging industry best practices to enhance user experience. Implemented a responsive design, resulting in a 30% increase in user satisfaction and a 20% decrease in customer support inquiries.
 - Attendance Integration: I proposed and implemented an attendance feature on the company's portal, which resulted in a 40% decrease in the total number of absences. This led to better operational efficiency, as the company was able to better track and manage employee attendance.
 - Revamped Chat System: My involvement included refining the chat system within the portal, resulting in a more responsive and interactive communication platform. This improvement fostered seamless internal communication among employees, fostering collaboration and boosting productivity.

PROJECTS

- **LIVE HAND TRACKING PROJECT**
Using Hand Gesture Movements Play Game In Unity. Hand Is Tracked Live Using Python Script.
 - Incorporating real-time hand tracking into Unity using a Python script significantly enhanced the gaming experience. Players were able to engage more deeply with the game by seamlessly manipulating the game world through natural hand gestures. This innovation created a heightened sense of immersion and interactivity, opening up new possibilities for intuitive game play. As a result, user engagement and satisfaction have increased noticeably, taking the gaming realm to a new level.
 - Technology Used: Python, Open CV, Unity.
- **VIRTUALITY**
Virtual tour of College Campus using Unity and blender.
 - The immersive virtual campus tour I created using Unity and Blender has significantly improved prospective students' understanding and engagement with our college. The tour offers a lifelike experience of our facilities and atmosphere, which has helped prospective students to connect with our college on a deeper level. The interactive presentation has also measurably increased their comprehension and interest in our college, setting a new standard for campus showcases.
- **Django Website**
Website build using Django Framework with login/sign and password reset feature.
 - The Django framework's robust security features help to create a seamless user experience by ensuring that sign-up/login and password reset mechanisms are secure. This enhances user trust and reduces authentication issues, making it easier for users to access the website and recover their accounts if needed. Ultimately, this leads to increased overall engagement and satisfaction.

– Technology Used: Django, Python, HTML, CSS, JavaScript.

•FLUTTER NEWS

MADE FLUTTER NEWS APP USING NEWS API

- The Flutter news app’s seamless integration with the News API allows users to access a wide variety of news sources instantly. The user-friendly interface makes it easy to consume content, and the instant updates keep users up-to-date on the latest news. This has led to a significant increase in engagement and convenience for users.
- Technology Used : Flutter, Dart, API.

ACHIEVEMENTS

- 5 STAR HACKER RANK C/C++ <https://www.hackerrank.com/yuviabhi00>
- CODE FORCES RATING 969 <https://codeforces.com/profile/yuviabhi00>
- Facebook Hacker Cup Amongst top 35 participants to qualify for Round 1 in Facebook Hacker Cup 2020
- ADVAITH 2 POSITION IN CTF. <https://givemycertificate.com/verify/KN6X-HVZR-RPI6-BK6X>