

YUVRAJ SINGH YADAV

Bachelor of Engineering
DAYANANDA SAGAR COLLEGE OF ENGINEERING BENGALURU

+91-7668518764
✉ lewacr7messi@gmail.com
🐙 GitHub Profile
🌐 LinkedIn Profile

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, Javascript
Libraries : C++ STL, React.js, Express.js, Python Libraries, Unity Asset
Web Dev: Node.js, React.js, Django, VScode, Git, Github, Bootstrap, RESTAPI
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(OOP's), Object Oriented Principles, Software Engineering, Data Engineering, Database.
Areas of Interest: Software Engineering, Data Engineering .
Soft Skills: Self-learning, Presentation, Adaptability, Multi-tasking

EXPERIENCE

- **BIRLASOFT** SEP 2023 - APRIL 2024
Software Intern
 - Designed and implemented RESTful APIs with Node.js and Express.js for back-end functionalities.
 - Integrated MongoDB databases to store and manage application data.
 - Collaborated with cross-functional teams to deliver high-quality software solutions.
- **ONE ILLAHI TECHNOLOGY** FEB 2022 - APRIL 2022
JUNIOR FLUTTER DEVELOPER
 - Enhanced UI: Revamped the company portal's UI/UX, implementing responsive design and industry best practices. Achieved a 30% increase in user satisfaction and 20% decrease in support inquiries.
 - Attendance Integration: Proposed and implemented an attendance feature, leading to a 40% decrease in absences. Improved operational efficiency by better tracking and managing employee attendance.
 - Revamped Chat System: Refined the portal's chat system for a more responsive and interactive communication platform, fostering collaboration and boosting productivity.

PROJECTS

- **File Processing API**
File Processing for sentiment analysis with User Authentication API.
 - Developed a Node.js Express server providing functionality for user authentication, PDF file upload and storage using GridFS, and sentiment analysis on text content extracted from uploaded files. Features include user authentication (sign-up/login with JWT tokens), PDF file upload and storage, sentiment analysis using Vader sentiment analysis library, and file download.
 - Technology Used: Node.js, Express, MongoDB, GridFS, Vader-Sentiment, Bcryptjs, JWT, Multer-GridFS-Storage
- **NOTES MANAGER**
Notes manger application with authorization and CRUD functionality .
 - -Develop a user-friendly web application using Node.js, Express, and React.js. Enable users to securely sign in, log in, and manage their notes. Implement functionalities for creating, updating, and deleting notes seamlessly within the application interface.
 - Technology Used: Node.js, Express.js, React.js.

•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.

•Wallet-Clone

A clone to send amount from one user to other having authorization and ATOMICITY functionality

- The wallet-clone project utilizes Node.js, Express.js, MongoDB, and React.js to enable users to sign in, log in, and securely transfer funds to other users. Through these technologies, user authentication and data storage are managed seamlessly, while React.js facilitates an intuitive user interface for a smooth experience. The project's quantifiable success can be measured by factors such as user engagement metrics, transaction volume, and system reliability, ensuring efficient and secure financial interactions among users.
- Technology Used: Node.js, Express.js, React.js, MONGOdb.

•VIRTUALITY

Virtual tour of College Campus using Unity and blender.

- The immersive virtual campus tour 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.

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>