YASH SINHA

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EDUCATION

BIT MESRA
BTech in Computer Science
November 2022 | June 2026
CGPA(Till 4th Semester):- 8.69 (Absolute)

DELHI PUBLIC SCHOOL
AISSCE - Class XII- PCM with Physical Education
August 2021| Ranchi, India
Percentage:- 95

MOUNT LITERA ZEE SCHOOL
AISSE - Class X
June 2019| Deoghar, India
Percentage:- 97

LINKS

Github:// **Vyash382**
LinkedIn:// **Yash Sinha**
Codeforces :// **yashsinha129**
Leetcode:// **vyash382**
GeeksForGeeks://**vyashw2ol**

SKILLS

PROGRAMMING LANGUAGES
Java
C/C++
JavaScript

FRAMEWORKS
Express.js
React.js
Node.js

DATABASES
MongoDB
SQL

TOOLS
Visual Studio Code
Git/Github
IntelliJ Idea
Postman
Linux Basics

COURSEWORKS

Operating System
Object-oriented Programming
Database Mangement System
Data Structures
Design and Analysis of Algorithms

PROJECTS

TALKFOW [Github] [Link]
- Developed a real-time chat application using **WebSockets (Socket.IO)** for **live user communication**.
- Built the frontend with **React.js** and **Material-UI**, and implemented the backend with **Express.js** and **MongoDB**.
- Deployed **RESTful API** routes for messaging, friend requests, group chat creation, and settings management.
- Implemented multimedia uploads using **Multer** and integrated **Cloudinary** for secure, scalable cloud storage.
- Integrated user authentication with **JSON Web Token (JWT)** to secure access to protected routes.

CLOUDNOTES [Github] [Link]
- Developed a **Dynamic Notes Keeping Application** which enables users to create and manage notes.
- Built the frontend with **React.js** and implemented the backend with **Express.js** and **MongoDB**.
- Deployed **RESTful API** routes for creating,reading,updating and deleting notes.
- Integrated user authentication with **JSON Web Token (JWT)** to secure access to protected routes.

WEB MUSIC PLAYER [Github] [Link]
- Developed a static **Song Player** application with preloaded songs.
- Created using **HTML, CSS, and JavaScript**
- Added the functionality of to play , pause, skip a song, traverse between playlists using JavaScript

ACHIEVEMENTS

Achieved Max-Rating of **1481(Specialist)** on **Codeforces** and **1858(Knight)** on **Leetcode**

Solved **600+ Questions** of Data Structures and Algorithms on Leetcode and GeeksForGeeks

Achieved **top 5 rank** among more than 100 students in recruitment contest organised by IEEE Bit Mesra

Achieved **Global Rank 586** in Leetcode Weekly Contest 400 among 30000 contestants

Achieved **Global Rank 1042** in Codeforces Round 944 div 4 among more than 35000 contestants

Achieved **Global Rank 2382** in Codeforces Round 948 div 2 among 30000 contestants

POSITION OF RESPONSIBILITY

Member of IEEE Student Branch BIT MESRA.