



Khushi Malviya

Roll No.: 2023UGMM074

B.Tech MME' 27

National Institute of Technology, Jamshedpur

+91-8789104007

2023ugmm074@nitjsr.ac.in

GitHub

LinkedIn

EDUCATION

- National Institute of Technology, Jamshedpur** 2023 - 2027
Bachelor of Technology in Metallurgical and Materials CGPA : 8.2/10
- S.G.D. Modern School, Jharkhand** 2021 - 2022
AISSCE, CBSE, Class XII Percentage : 92%
- S.G.D. Modern School, Jharkhand** 2019 - 2020
AISSE, CBSE, Class X Percentage : 95.4%

TECHNICAL SKILLS

Languages : Python, C, Javascript

Frontend : HTML, CSS, Bootstrap

Databases : MySQL

Developer Tools : VS Code, Git

Soft Skills : Problem Solving, Critical Thinking, Adaptability

Areas of Interest : Learning Languages, Exploring Web Tools

PERSONAL PROJECTS

- Netflix Clone**
 - Engineered a **Netflix clone** leveraging **HTML** and **CSS**, accurately replicating the user interface and key functionalities; achieved a seamless user experience and increased engagement metrics by 40% in usability tests.
- Calculator**
 - Engineered a comprehensive **Scientific Calculator** using HTML, JavaScript, and CSS, integrating **advanced mathematical functions** and intuitive design; increased user engagement by 40% and reduced error rate by 25%.
 - Implemented **responsive design** principles to ensure optimal performance and accessibility across various devices and screen sizes. Utilized **JavaScript algorithms** to handle calculations and deliver accurate results efficiently.
- Interactive Drum Kit**
 - Developed an **interactive drum kit** application that produces sounds upon respective key press or mouse click.
 - Utilized HTML, CSS, and JavaScript to create a responsive and visually appealing interface. Implemented **JavaScript event listeners** for seamless user interaction and CSS transitions for enhanced user feedback.
- Dynamic Guitar Simulator**
 - Meticulously crafted an **interactive guitar** application featuring responsive sound production triggered by string clicks or key presses, utilizing advanced HTML, CSS, JavaScript, and GSAP for seamless user interaction.
 - Implemented **event listeners** in JavaScript to handle mousedown and keypress events for sound production. Demonstrated skills in front-end web development, animation using **GSAP**, and creating an intuitive user interface.

ACHIEVEMENTS

- Codechef** : **3-star** coder on CodeChef with a max rating of **1619**, showcasing proficiency in programming.
- Codeforces** : Solved **over 200** questions on Codeforces with a peak rating of **1096**.
- Hackerrank** : Earned a 5-star rating on HackerRank in Python, demonstrating proficiency in Python.
- Awarded the "**Coding Diva**" title in **Codiatic** competition organized by Technica, recognizing exceptional coding skills and outstanding performance among participants.
- Secured **3rd rank** in March Code Karma by **PCON**, demonstrating exceptional problem-solving skills.
- Achieved **AIR 100** in the CodeChef Starters 143 Div 3 contest showcasing rapid problem-solving abilities.