Varshita

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Education

Indian Institute of Technology (ISM) Dhanbad 2022 - 2026
Bachelor of Technology in Mineral and Metallurgical Engineering (GPA: 7.04 / 10.00) *Dhanbad , Jharkhand*
- **Relevant Coursework:** Introduction to C language , Data Structures and Algorithms in C++ .

Projects

Rock Paper Scissor Game | *HTML , CSS , JavaScript* *Link*
- Created a Rock, Paper, Scissors game using HTML, CSS & JavaScript with random computer selection for fair play.
- Created an intuitive and engaging user interface that allows players to easily select their move and view the results.
- Implemented dynamic game logic using JavaScript, allowing for real-time user interaction and immediate feedback.
- Implemented a score-tracking system that displays the number of wins, losses, and draws for player and computer.

Word Simplifier | *React.js , Bootstrap* *Link*
- Developed a Word Simplifier application using React.js to handle various text transformations ,including converting text to uppercase , lowercase , counting characters , and resetting to default setting and also removes extra spaces.
- Utilized React Router to enable seamless navigation between different word transformation modes. This ensures users can easily switch between functionalities like text conversion and word utterance without reloading the page.
- Design an intuitive and user - friendly interface allowing users to input words and select desired transformations.

E-Commerce web application | *React JS, Express JS , MongoDB and Node JS* *Link*
- Built a full-stack e-commerce application with user authentication,product catalog, and secure order processing and Ensured robust security and efficient user management to provide a seamless shopping experience for customers.
- Developed a responsive UI using React, enhancing user experience and accessibility across various devices and platforms. The design ensures a consistent, intuitive, and engaging interface, facilitating navigation and interaction.
- Utilizing Express and Node, I architected APIs that facilitate efficient data management and enable seamless communication between servers and clients. It ensures scalability, supporting the needs of modern e-commerce.

Skills

Languages / Markup Languages : C , C++ , Javascript , Python , HTML , CSS
Frameworks: React js , BootStrap , Node js , Tailwind CSS , Django , Rest API , Mongodb , React Native
Tools & IDE: VsCode , LaTex , Git/Github , MS Word , Figma , Canva , MS Word , Autodesk , Photoshop , Solidworks

Achievements

- Solved **270+** questions on Various Platforms like Leetcode, CodeForces and Codechef. **Link**
- Qualified Joint Entrance Examination Advanced among 2.5 millions students.
- Won **fourth position** in Cosmic Quarry (Robot that picks up the garbage) in Technical fest at IIT Dhanbad.
- **Genius Jagran meritorious Award** for securing 93 % in matriculation.
- **House Captain** of Neelgiri House at Jawahar Navodaya Vidyalaya Kaimur, Bihar.

Social Engagements & Position of Responsibility

Club Member : (ROBOISM - Robotics and AI club of IIT Dhanbad) - **Organised impactful events and conducted engaging sessions** for freshers .Demonstrated strong leadership and organizational skills contributing to the club's growth & success.
Volunteer:(KARTAVYA-NGO)-NGO run by students of IIT Dhanbad to give education to poor & underprivileged childrens.
Organisor : (Srijan'24-Cultural Fest of IIT Dhanbad) - Managed **media relations and publicity** for a cultural fest moreover coordinated press releases,interviews,posters& promotional campaigns to maximize event visibility across other colleges.
Layout Designer : (Mailer Daemon - Student run media body of IIT Dhanbad)- **Designed custom layouts & Design** tailored to enhance Mailer Daemon's content delivery for a dedicated audience of **10,000 instagram followers** .(April'23 - Feb'24)
Class Representative : Class Representative of Mineral and Metallurgical engineering Department. (Aug'23- Jan'24)