Harsh Kumar

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EDUCATION

IIT (ISM) Dhanbad   Dhanbad, Jharkhand
Bachelor of Technology - Electrical Engineering (7.35 CGPA) - Gradesheet   Dec 2021 - May 2025

Govt. Umairabad High School   Arwal, Bihar
Mathematics Stream (81.2 %)   Mar 2019 - Mar 2021

RELEVANT COURSEWORK

• Computer Programming. • Data Structures and Algorithms. • Numerical Methods. • Probability & Statistics.

• Operations Research. • Analog and Digital Electronics. • Signal System and Network. • Full Stack Web Development(Udemy).

WORK EXPERIENCE

APIERO - MEDICA | Full Stack Developer Intern | Certificate   Jul 2023 - Oct 2023
- Assisted in all aspects of the software development lifecycle including building, testing, and deploying the code.
- Optimized the search algorithm enabling users to search more efficiently.
- Worked on technologies like Reactjs, Nodejs, and MongoDB.

PROJECTS

SORTING VISUALISER | Reactjs Nodejs | Demo Video | Github   Jun 2023
- Created a sorting visualizer allowing users to visualize the process in real-time.
- Implemented real-time data visualization with dynamic color coding to represent the state of elements.
- Utilized React enabling users to change the size of arrays, the sorting algorithm, and the speed of animation.

PERSONAL PORTFOLIO | HTML CSS Javascript | Website | Demo Video | Github   Dec 2022
- Developed my personal portfolio website.
- Designed an appealing and responsive interface ensuring optimal viewing across devices and screen sizes.

FLAPPY BIRD | Python | Demo Video | Github   Aug 2022
- Developed a replica of the popular single-player game Flappy Bird.
- Implemented key game mechanics such as user input, collision detection, and scoring system.

ACHIEVEMENTS

- Global Rank 1520 in Biweekly Contest, Leetcode.
- Rated 1742 in Leetcode.
- Ranked 177 in Codechef Starters 92.
- Solved 500+ questions across multiple coding platforms.

TECHNICAL SKILLS

Languages: C/C++, HTML, CSS, Javascript, Python, Java.
Technologies/Frameworks/Libraries: ReactJS, NodeJs, MongoDB, Pygames.

POSITION OF RESPONSIBILITY

- Head of content, design, and promotion at Manthan, IIT Dhanbad.
- Team Leader - Mute Bandits, 2nd runner-up among 13 teams, Organized by Dept. of Electrical Engineering.

EXTRACURRICULAR

- Lead Guitarist at Manthan, the official music club of IIT Dhanbad.
- Ranked 6th overall in Inter IIT cultural meet 5.0 among 23 IITs held at IIT Madras.
- Winner Harmony - Band competition held in Srijan '23.