

Sanidhya Mishra

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Education

- **Bachelor of Technology (B.Tech) in Computer Science Engineering**
Galgotia College of Engineering and Technology 2022 - present
CGPA: 7.35

Experience

- **Software Engineering Intern**
Octanet Pvt. Ltd, Remote - Pune July 2023 - Sept 2023
 - Designed and optimized Control Panel UI and Landing Page layouts, improving UI/UX responsiveness and accessibility.
 - Implemented various frontend enhancements such as component-based UI improvements and performance optimizations, enhancing user experience by **30%**.
 - Collaborated using Git & GitHub, managing version control and contributing to structured, maintainable codebases.

Projects

- **Pong-Game** 🔗 Feb 2024
 - Developed a browser-based Pong game using HTML, CSS, and JavaScript, featuring a smoothly controlled paddle via keyboard input (Arrow/WASD keys).
 - Designed responsive frontend for seamless user experience.
 - Implemented AI-controlled paddle with adaptive difficulty, enhancing engagement by **40%**.
- **E.D.I.T.H.** 🔗 Dec 2024
 - Developed E.D.I.T.H., a real-time drowsiness and lane detection system for driver safety using computer vision and deep learning.
 - Enhanced drowsiness detection accuracy by **95%** using facial landmark analysis (EAR) and deep learning models, ensuring reliable driver monitoring.
- **News Magnet** 🔗 August 2025
 - Developed 'News Magnet', a dynamic news aggregation platform using React and Vite, significantly improving news discovery and consumption efficiency through real-time, categorized content.

Skills

- **Tech Stack:** C, C++, Python, Java, JavaScript, ReactJS, MySQL
- **Coursework:** Data Structures & Algorithms, Operating System, System Design, DBMS, Web Technology

Achievements

- **Oracle Academy - Database Programming with SQL** Dec 2024
Certified in SQL database programming after successfully completing the final exam.
- **United Latino Student Associations** July 2022
Led initiatives that enabled specially-abled students to access learning resources through the internet, fostering inclusivity and digital empowerment.
- **Google Cloud Cohort 2024 Finalist** July 2024 - Dec 2024
Achieved position among top 200/270000 applicants all over India.
- **Cyberthon** Aug 2023
2nd Runner-up with my hackathon team **WebBeacon**.