




# Sanidhya Mishra

📞Phone — ✉Mail — LinkedIn — GitHub Leetcode

## Education

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- **Bachelor of Technology (B.Tech) in Computer Science Engineering**  
*Galgotia's College of Engineering and Technology* 2022 - present  
CGPA: 7.4




## Experience

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- **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

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- **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.
- **Quizz-it**  August 2025
  - Built an interactive Quiz Application using React and Vite, improving user engagement through real-time scoring and progress tracking.
  - Designed category-based quizzes with a responsive, gradient-themed UI for an intuitive experience.
  - Implemented adaptive question navigation and skip/next controls, enhancing usability and learning flow.

## Skills

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

## Achievements

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- **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**.