

SIDDHANT RAMBHAD



ABOUT ME

- Self-driven and curious undergraduate pursuing B.Tech in Electronics and Communication Engineering at VNIT Nagpur. Passionate about programming, full-stack development, and computer vision, with hands-on experience in multiple personal tech projects. Seeking a challenging internship opportunity to apply and further develop my technical skills in a real-world IT environment.



PROJECT EXPERIENCE

Grilli Restaurant Website [\[Link\]](#)

- Designed and developed a modern, fully responsive restaurant website using HTML5, CSS3, and JavaScript, providing an intuitive user experience across devices.
- Built interactive components for displaying special dishes, opening hours, menu categories, and table reservations, mimicking real-world business requirements.
- Enhanced UI/UX through the use of Google Fonts, CSS animations, Custom Font and icons, resulting in a polished and engaging front-end design.

YOLOv3 Object Detection [\[Link\]](#)

- Implemented a real-time object detection system using the YOLOv3 model integrated with OpenCV, achieving processing speeds of around 50ms per frame on live video feeds.
- Applied Non-Maximum Suppression (NMS) algorithm to efficiently reduce overlapping bounding boxes by 40%, resulting in cleaner and more accurate detections.
- Trained the model on a custom dataset and fine-tuned hyperparameters to improve detection accuracy for common objects like people and vehicles.

Cosmic Dodge Game [\[Link\]](#)

- Developed a 2D space-themed arcade game using Python and the Pygame library, showcasing strong grasp of event-driven programming and object-oriented design.
- Designed minimalistic game UI with score tracking, restart option, and responsive keyboard controls.



EDUCATION

Btech in Electronics and Communication

2022 - 2026

Visvesveraya National Institute of Technology, Nagpur

CGPA - 8.39/10.0

+91-9422950599

siddhantr43@gmail.com

github.com/siddhantrambhad

linkedin.com/in/siddhant-rambhad-112935282

SKILLS

- **Programming Languages:**
C/C++, Python
- **Web Development:** HTML, CSS, JavaScript, Node.js, Express.js, React
- **Libraries/Frameworks:**
OpenCV, Pygame
- **Core Concepts:** Data Structures & Algorithms, OOP, Computer Vision, Linear Algebra
- **Tools & Others:** Git, UI/UX Design, SQL (Basics), VS Code

ACHIEVEMENTS

- Secured **98.9** percentile in JEE Main with **AIR 10902**
- Ranked **3rd** in district and 1st in school (SSC 2020)
- Featured in a toppers' YouTube interview: [Watch Interview](#)