



SOURABH JOSHI


Bachelor of Technology
Computer Science and Engineering
Vellore Institute of Technology, Bhopal

+91-7073184255
sourabhjoshi2310@gmail.com
linkedin.com/in/
github.com/in



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	Vellore Institute of Technology, bhopal	9.34	2026
Senior Secondary	Mahaveer Public School, CBSE	93.8	2021
Secondary	Nakoda Public Sec. School, RBSE	96.33	2019

EXPERIENCE

- **Indian Space Lab**  Dec 2024 - Jan 2025
Winter Internship Technical Training Program Remote
 - Acquired expertise in Drone Technology, CanSat, and CubeSat, completing the ISL Winter Internship 2024-25.
 - Applied training in Space Entrepreneurship and Astronomy, enhancing technical skills in 3 key areas.
 - Analyzed cutting-edge satellite technologies across three major categories, leading to refined development strategies while identifying five pivotal research approaches prioritized by industry-leading experts.

PROJECTS

- **Hostel Management System** March 2023 - May 2023
Tools: Node.js, HTML, CSS, JavaScript, MySQL, 
 - * Developed a Hostel Management System website featuring room allocation and leave management for 200+ users.
 - * Implemented user authentication and authorization using PHP, ensuring secure access.
 - * Created a responsive UI using HTML, CSS, and JavaScript, increasing user satisfaction by 30%.
 - * Utilized Node.js for state management, ensuring consistent and predictable application behavior for 500+ transactions per day.
- **Emotion Detection in Low Light Conditions** June 2023 - July 2023
Tools: Python, CNN, SRGAN 
 - * Designed a machine learning model for emotion detection in low-light environments, improving accuracy by 15%.
 - * Integrated SRGAN to enhance image quality, improving detection accuracy by 20%.
 - * Evaluated emotion recognition performance under challenging lighting conditions, achieving 61%.
 - * Collaborated with a team to curate a comprehensive low-light emotion dataset, ensuring robust training data for 1,000+ images.

SKILLS

- **Programming Languages:** Java, Python, JavaScript, HTML5, CSS, SQL, Node.js, React.js, C++
- **Technologies:** Spring Boot, Bootstrap, Agile Development
- **Tools:** IntelliJ, MS Excel, PyCharm, Eclipse, Git

CERTIFICATIONS

- **Postman:-** [Postman API Fundamentals Student Expert](#)
- **Coursera :-** [The Bits and Bytes of Computer Networking](#)

POSITIONS OF RESPONSIBILITY

- **Teaching Representative,** PI Mathematics Association, VIT B 2024