Shrikrushna Raut

Nationality: Indian   **Date of birth:** 11/09/2004   **Place of birth:** Khamgaon, India   **Gender:** Male

📞 **Phone number:** (+91) 7821084194   ✉ **Email address:** kraut9011@gmail.com

in **LinkedIn:** [Shrikrishna Raut](#)

📍 **Home:** Sutala Khurd, Khamgaon, Buldhana Maharashtra, India, 444312 Khamgaon (India)

ABOUT ME

A passionate and innovative thinker in AI, IoT, and computing science. With a strong foundation in electronics and programming, I have developed projects like UAV drones for precision agriculture, an IoT-based obstacle avoidance robotic vehicle, and NutriSure—an AI-powered smart healthcare system. My goal is to create technology-driven solutions that improve lives and generate employment opportunitie

EDUCATION AND TRAINING

Bachelor of Computer Applications
Saraswati College, Shegaon [17/07/2023 – Current]

City: Shegaon | **Country:** India | **Website:** https://saraswaticollege.edu.in/

DIGITAL SKILLS

Webdevelopment: HTML, CSS, JavaScript / Java, C/C++, C#, Python / Ui/Ux / IoT: Arduino (C), Raspberry pi (python)

LANGUAGE SKILLS

Mother tongue(s): Marathi

Other language(s):

English	Hindi
LISTENING C1 **READING** C2 **WRITING** B2	**LISTENING** C2 **READING** C2 **WRITING** C2
SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** C1	**SPOKEN PRODUCTION** C2 **SPOKEN INTERACTION** C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

[11/07/2024 – 04/08/2024]
Web Calculator - CalMaster
Developed a simple and efficient web-based calculator using HTML, CSS, and JavaScript.
Implemented user-friendly UI and optimized performance.
Write here the description...

Link: https://calmaster2.netlify.app/

[20/01/2025 – Current]
NutriSure – AI-Powered IoT Smart Nutrition System
- Leading the development of an **AI-driven IoT nutrition system** for personalized health insights.
- Building a **NutriSure ATM-based dispenser** for smart supplement distribution.
- Built and deployed **11 NutriSure dispensers** for smart supplement distribution.
- Advancing AI-driven health analytics and IoT wellness solution

[02/02/2024 – Current]
UAV Drone for Smart Agriculture
- Designing and developing **AI-powered UAV drones** for **agriculture monitoring and automation**.
- Integrating **multispectral and thermal imaging** for real-time crop health analysis.
- Implementing **automated pesticide application** using a secondary robotic system to optimize resource usage.
- Enhancing **disease detection and precision farming** using IoT and AI technologies.

[23/02/2025 – 25/02/2025]
Obstacle Avoidance Robot Car (Arduino Uno)
- Developed a **small-scale autonomous robot car** using **Arduino Uno** for **real-time object avoidance**.
- Integrated **ultrasonic sensors** for precise **obstacle detection and smart navigation**.
- Controlled motors with an **L298N motor driver** to ensure smooth movement.
- Implemented **battery-powered, low-energy consumption** for enhanced efficiency.
- Exploring **AI-based improvements** for better path planning and autonomous decision-making.

WORK EXPERIENCE

Web developer
Shrikrushna Bhagwan Raut [01/10/2024 – 01/11/2024]

City: Shegaon　｜　**Country:** India

Web Development Intern | Techoctanet Services Pvt Ltd *(Oct 2024 – Nov 2024, Remote)*
- Completed a **Web Development Internship** and **Full Stack Development Training Program**.
- Worked on **real-world projects** involving **HTML, CSS, JavaScript, and Full Stack Development**.
- Gained hands-on experience in **frontend and backend development**.
- Improved **critical thinking, problem-solving, and attention to detail**.
- Collaborated effectively with the team to meet deadlines and deliver high-quality solutions