Vaibhav Sunil Sarode

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in vaibhav-sarode   🖥 Sarode-Vaibhav   Vaibhav_Sarode123

WORK EXPERIENCE

Innovatus Technology

Industrial Training in Java   12 June 2023 - 22 July 2023
- Developed a Blood Donation Management System to track information about donors.
- Tracked blood groups of patients and calculated BMI for accurate analysis.
- Utilized Linear Regression Model to predict blood volume based on BMI.

EDUCATION

Innovators English Medium School

Class(X) SSC   Percentage: 95.60%

Amrutvahini Polytechnic, Sangamner

Diploma in Information Technology   Percentage: 94.38%

Walchand College Of Engineering, Sangli

BTech in Information Technology   CGPA: 8.78

PROJECT

Crop Protection from Wild Animals

Technologies Used: Python, Google Collab, IOT, MobileNet object detection model.
- Developed an AI- and IoT-based monitoring system to protect crops from wild animals (e.g., deer, nilgai, wild boar) without harming them.
- On detection, an Arduino UNO-controlled mechanism triggers a servo motor to activate a non-lethal stone-throwing system. The system also emits sound to deter animals, ensuring effective crop protection.

Face Mask Detection System ⬈

Technologies Used: Python, OpenCV, TensorFlow, and Keras libraries.
- Built a model to identify individuals wearing or not wearing masks in real-time by training across 1300 images.

Student Attendance System ⬈

Technologies Used: Java, PHP, MySQL, Android Studio.
- Developed a biometric and GPS-based Android attendance system with enabling secure, real-time, and automated attendance tracking for students and faculty.
- Generate CSV files and maps attendance records to respective students and subjects.

SKILLS

Programming Languages: C, C++, Java, PHP.
Web Technologies: HTML, CSS, JavaScript.
Frameworks & Libraries: Spring.
Databases: MySQL, MongoDB.

ACHIEVEMENTS

2nd Prize in State Level Project Exhibition.
1st Prize in War of Coders Competition.
Presenter at the MongoDB Club Service.

POSITIONS AND RESPONSIBILITIES

Assistant Technical Advisor - Walchand Linux Users' Group, WCE, Sangli.
Main Treasurer - WCE ACM Student Chapter, WCE, Sangli.