



SAIRAJ ABHALE

CONTACT



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Kopargaon , Ahilyanagar

EDUCATION

B-Tech in CSE (AIML) CGPA: 8.7
Sanjivani University, Kopargaon
2024-2027

Diploma in Mechatronics Percentage: 91.48%

Sanjivani K.B.P. Polytechnic , Kopargaon
2021-2024

CBSE Percentage: 69.00%

Sant Janardhan Swami Maharaj Maharishi
School , Kokamthan
2008-2021

SKILLS

- **Programming Language** : C , JAVA , Python
- **IoT & Embedded Systems**: Hands-on experience with ESP32-CAM, ESP8266, ESP32, Arduino UNO, sensor integration, real-time data monitoring, and cloud platforms like Blynk and Firebase
- **DevOps** : Docker , CI/CD Pipeline
- **Database** : SQL
- **Data Visualization**: Power BI
- **Data Analysis**: IBM SPSS
- **Development Tools** :Git, GitHub

Soft Skills

Problem-Solving & Analytical Thinking , Teamwork, Time Management

PROJECTS

Plant Disease Detection System Using IoT and ML Model

Tools/Technologies: ESP32-CAM, YOLOv8, Flask, Blynk, Python, DHT11, Soil Moisture Sensor

Overview :

Developed a smart plant monitoring system using ESP32-CAM and YOLOv8 to detect plant diseases. Integrated sensors for real-time temperature, humidity, and soil moisture monitoring. Deployed a Flask-based AI server for image processing and displayed results on the Blynk app.

CERTIFICATIONS

Database:

- **NPTEL**: database management system

Programming:

- **Great Learning**: Python, Java

AI & Machine Learning:

- **FutureSkill Prime** - Acquiring Data, EDA by Accenture
- **Coursera** : Introduction to AI , Introduction to generative AI

Cloud & DevOps:

- **IBM** - DevOps Fundamentals, Cloud Fundamentals

Cybersecurity & Process Mining:

- **Tata Strives** - CyberSecurity for Beginners
- **Celonis Academy** - Process Mining Fundamentals

LANGUAGES

- English
- Marathi
- Hindi
- German(Basic)