Sarangi Suhas Bendre

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PROFESSIONAL SUMMARY

AI and Machine Learning engineering student with hands-on experience in IoT-based systems, Python programming, and web development. Skilled in building real-world projects such as flood monitoring and automated irrigation systems. Actively seeking opportunities to apply technical knowledge in practical, industry-driven environments.

EDUCATION

Bachelor of Technology (B.Tech) in Artificial Intelligence & Machine Learning   2023 – Present
D. Y. Patil Agriculture and Technical University, Talsande   *Expected Graduation: 2027*

PROJECTS

Flood Monitoring and Alerting System (IoT)
IoT, Sensors, Microcontrollers

- Designed an IoT-based system to monitor water levels using sensors and microcontrollers.
- Implemented real-time alert mechanisms to reduce flood risk and improve response time.

Soil Irrigation System using IoT
IoT, Automation, Sensors

- Developed an automated irrigation system using soil moisture sensors.
- Optimized water usage through sensor-based decision making.

Personal Portfolio Website
HTML, CSS, JavaScript

- Designed and developed a responsive personal portfolio website to showcase projects and certifications.
- Integrated GitHub and LinkedIn profiles to enhance professional visibility.

CERTIFICATIONS

- Python Programming – IBM, Conducted by National Skill Development Corporation (NSDC)
- Artificial Intelligence Fundamentals – IBM
- Cybersecurity Fundamentals – IBM
- Gemini Certified Student – Google
- Getting Started with Machine Learning Algorithms – Simplilearn
- Git Training – Simplilearn
- Database Management System – Great Learning
- Internet of Things (IoT) Workshop – SVL Automations

TECHNICAL SKILLS

Programming Languages: Python, C, C++, R
AI / ML: Machine Learning Fundamentals, Data Preprocessing, Model Evaluation
Web Technologies: HTML, CSS, JavaScript, PHP
IoT & Tools: ESP8266, ESP32, Arduino, Sensors, Git