Swayam Anil Kamble

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Objective:

Aspiring engineering student in the 2nd year of Industrial IoT, eager to apply my skills in coding, electronics, and project development to contribute effectively as an intern in a dynamic and innovative environment.

Skills:

- Proficient in C and C++ programming languages

- Skilled in Arduino coding and hardware project development

- Basic proficiency in Python

- Moderate knowledge of electronics

- Strong team player and collaborator

Projects:

1. **Lazzy Smart Plug** (Bluetooth and Wi-Fi Controlled)

Designed and developed a smart plug that can be controlled via a custom-built app using both Bluetooth and Wi-Fi connectivity.

Implemented features such as remote control, timer scheduling, and worldwide access through Wi-Fi.

Showcased problem-solving skills and project management abilities.

2. **Laser Security System**

Created a laser-based security system to detect intruders by monitoring laser beam interruptions using an Arduino.

Integrated LEDs, buzzer, and an LCD display to provide real-time alerts and status updates.

Demonstrated hands-on electronics and programming skills.

Professional Development:--

-Attended a one-day workshop on "Machine Learning and IoT" at RCOEM Tata Center of Innovation.

-Successfully completed "Hands-on Experience on Internet of Things" conducted by Prof. Haroon Lone, IISER Bhopal during 4th-9th Dec 2023.

Extracurricular Activities:

-Member of WiSE lab in the Department of IIoT at our college, actively involved in new projects focusing on IoT, embedded systems, and emerging technologies.

- Ex-Member of E-Yantra lab in our college, actively participating in robotics and embedded systems projects.

-Won 1st position in eLSI hackathon 2024 'Automate Your e-Yantra Lab' among all 520+ eLSI colleges.

Languages:

 - Proficient in:

 - C

 - C++

 - Arduino

 - Python (Basic)

 - Fluent in Hindi, Marathi and English

Education:

-Pursuing Bachelor of Technology (B.Tech) in Industrial IoT

-St. Vincent Pallotti College of Engineering and Technology [2022] – Present

   First Year CGPA: 8

-Higher Secondary (75%)

   St. Paul School and Junior College, Hudkeshwar, Nagpur [2022]

-Secondary School (63%)

   Kurvey's New Model Public School [2020]

Certificates and Projects:

-Certificates and additional projects can be viewed Certificate and Projects