AKSHAY LAKADE

Embedded Hardware Engineer

📞 +91 7020226188 @ akshay.L4.Work@gmail.com 🔗 https://www.linkedin.com/in/akshay-lakade
🔗 https://github.com/Akshay101

SUMMARY

Having completed my Bachelor's degree in Electronics and Telecommunication Engineering, with a specialisation in Embedded Systems, I have honed my knowledge in micro-controller programming, firmware development, and hardware design.

EXPERIENCE

Embedded Hardware Engineer

Control-One 📅 10/2023 - Present

Robotics & Automation

- Schematic and PCB Design.
- Program for ESP32 & STM32
- Also Supported in Mechanical design.

Embedded Hardware Engineer

BITLANCE TECH HUB 📅 04/2020 - 03/2021

Software and IOT product development company.

- Collaborated with a multidisciplinary team to develop and deliver embedded systems solutions for clients in various industries.
- Hardware-software integration
- Debugging and troubleshooting

Intern

Sirf Bio Pvt Ltd 📅 06/2017 - 07/2017

Bio Tech Company

- Supported the team in building and testing initial prototypes, identifying design flaws, and proposing improvements.
- Documented the machine's development process, including design specifications, test procedures, and software documentation.

CERTIFICATION

Advance Embedded System
EMERTXE (In Progress)

Integrated Course in Embedded System and PLC Programming
(IGTR) Indo German Tool Room

TRAINING / COURSES

Design with KiCad
UDEMY

CAN Network development
UDEMY

The Art and Science of PCB Designing
UDEMY

EDUCATION

B. E Electronics and Telecommunication.

S.G.B Amravati University 📅 07/2014 - 03/2020

TECH STACK

Skills

Embedded Hardware Design   BOM

PCB Designing   ROS

Programming Language

C   Bash   Python

Software

Eagle Cad   KICAD   VS Code

Proteus   Arduino IDE   STM32 CUBEIDE

Hardware

STM32   Arduino   ESP32

Protocols

UART   SPI   I2C   CAN

STRENGTHS

✓ **Excellent Verbal Communication**
Proficient in conveying information and ideas through oral and written communication.