# Pallavi Aurade

## Electronics and Communication Engineering

Circuit design enthusiast looking to secure a challenging position in a globally competitive environment where I can effectively utilize my skills and abilities for professional growth by contributing to the organizational goals.

✉ pallaviaurade80@gmail.com  📱 07760520692  📍 Bengaluru, India  in linkedin.com/in/pallavi-aurade

## EDUCATION

**Study Program**
Govt SKSJTI
*08/2019 - 06/2023*                    *Bengaluru 7.8 cgpa*

**Study Program**
IND Mahesh PU College
*06/2016 - 05/2018*                    *Bidar 57%*

**Study Program**
Govt Adarsh Vidyalaya (RMSA) School
*2012 - 05/2016*                       *Aurad 90.4%*

## WORK EXPERIENCE

**INTERN**
YOLABS
*10/2022 - 03/2023*                    *Bengaluru*
*Achievements/Tasks*

- ESP32 based projects
- Project Management
- PCB designing
- Rapid Prototyping
- Time Management

## SKILLS

C programming   Arduino UNO   Windows
Leadership   Analytics   Quick learner   Cadence
Team player   Circuit design   Microcontroller
PCB design   VLSI   Embedded system

## PERSONAL PROJECTS

**VTOL UAV USING NI MYRIO (10/2022 - 05/2023)**
- This is our major project where Quadcopter is built using NI MYRIO FPGA in which a PID controller is implemented to control the BLDC motors based on the IR sensor and gyro inputs objective is to build a stabilized Quadcopter on custom FPGA. and we have used a transceiver module NRF24L01.

**ROBOTIC ARM**
- The robotic arm has 5 servo motors which give us 6 axes of freedom all motors are controlled by esp32 which generates PWM when signals are sent from the mobile application which is built using the M IT app inventor

## CERTIFICATES

Embedded system and IOT
*Certified by pantech solution*

VLSI Soc Design using Verilog HDL
*Certified by maven silicon*

## LANGUAGES

English
*Full Professional Proficiency*

Kannada
*Full Professional Proficiency*

Hindi
*Full Professional Proficiency*

Marathi
*Full Professional Proficiency*

## INTERESTS

Schematic design   DSA   PCB Design
Scripting language