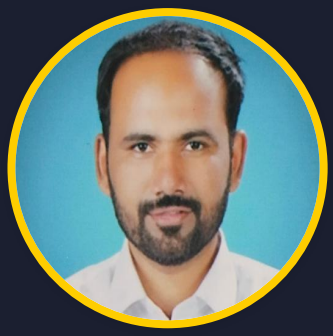

ANIKET SAMBHAJI PATIL

SENIOR EMBEDDED SOFTWARE ENGINEER

CONTACT

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Pune, INDIA

aniketpatil4406@gmail.com

4 Years 2 Months of experience

EDUCATION

2017

B.Tech/B.E. - Electronics/Telecommunication

Shivaji University, Maharashtra

Grade - 66%

2014

XIIth

Diploma, English

Marks - 60-64.9%

2009

Xth

Maharashtra, Marathi

Marks - 65-69.9%

KEYSKILLS

PROFILE SUMMARY

Bachelor of Engineering in Electronics and Telecommunication .Proficient in utilizing industry-standard software and hardware to develop innovative solutions. Adept at conducting research, analyzing data, and troubleshooting to ensure optimal performance. Keen understanding of emerging technologies and trends in the field. Dedicated team player with strong communication and interpersonal skills, capable of collaborating effectively with cross-functional teams to achieve project goals. Passionate about continuous learning and staying updated with advancements in electronics and telecommunication.

WORK EXPERIENCE

2024 - Present

Senior Embedded Software Engineer

Tata Elxsi

Embedded software development , working on Davinci Configurator,c++ development.

2022 - 2024

Embedded Software Engineer

Hinduja Tech

working on the Renesas RH850 Board Bringup ,STM32 nucleo ,STM32F407G-Disc1 board, vector canoe tool for DBC creation and

Davinci Configurator

Mcal

Rh850

Can Protocol

SPI

I2C

UART

JIRA

Misra C

UDS

C Programming Language

Vector Canoe

STM

Timers

C++

EEPROM

embedded testing

MPLAB IDE

LCD

adc

Embedded C

ESP

PIC18F57Q84

Ubuntu

Embedded Development

Keil C

C Programmer

GIT

CERTIFICATIONS

LDRA unit testing tool.

2021 - 2022

Software Developer
Aurus inc

working on ingenico payment devices as a C developer to support U.S Based multicard brands like Debit, credit,gift cards

2020 - 2021

Embedded Firmware Engineer
HARVEL Systems

works on PIC18F57Q84 controller, STM32,atmega8u2 microcontroller ,ardunio Nano and uno and ESP32

2021 - 2021

Trainee Engineer
Exaleap semiconductor

Running different testing script on u80 and u90 board for preparation board benchmark report.

PROJECTS

CAN-FD implementation
91 Days

based on Basic CAN driver file I developed CAN-FD message Tx and message Rx . check transmission and reception of signal on vector CANoe tools.

Board Bringup activity of Renesas Rh850
397 Days

writing ADC,PWM,OS timer and Interval timer code,RTC Code on board and check board peripheral working .

Motor controller using pwm
181 Days

Provide input PWM duty cycle to dc motor and controlling Speed of motor.

Uv Sanitizing
31 Days

Advanced embedded Systems

LANGUAGE

English

marathi

hindi

first display "spetraclean" and green led on .after 10 second select mode option display using rotary encoder we select on .three mode are there mode1 for 1second,mode 2 for 3second and mode3 for 5second.after selecting mode press pushbutton then door closed on red led on,and display time remaining on lcd.after completed process again go to mode selection with green led light.

Timer

62 Days

in this project we used atmega Microcontroller,LED,16*2LCD,Buzzer and switch. first switch is used for select the min and sec and display on lcd,if min selected green led on and select sec red led on. switch 2nd and 3rd used for increase and decrease min and sec. 4th switch used to start timer. after completing timing timer will off and buzzer will be on for 5 sec. LCD Display is used to display timing of timer

Temprature Sensing Module

31 Days

sensing the temp of human if temp is above regular body then it indicate red led otherwise green led on and display body temp and lcd. in this project we use raspberrypi zero modle and i2c protocol. and Python language uses.

Weather Monetering System

151 Days

it's embedded system related project.. I'm working on i2c, spi and uart protocol.

PLC Based Automatic Bottle Filling, Capping, Labeling And Counting.

245 Days

automatic bottle filling ,capping,labbling and counting is fully automation project. this Project reduce man power and increase productivity.

Radar resimultation

5 Months

Download code from git and run the cmake command to make this code supported for vs code 2019. After build the code. And start devlopment based on ticktes assigned on Jira.

I am working on jen7 SRR6 ,FLR4 and FLR4P radar resimultation .