

MANOHAR UMACHAGI
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EXPERIENCE SUMMARY

Seeking challenging position in Automotive based projects and looking forward for product development using Embedded C.

- ✓ Having 2 years of experience in embedded domain (Automotive) with good knowledge in 8/16/32 bit microcontrollers/processor of different make.
- ✓ Hands-on experience in development efforts, design, prototyping, testing and support.

SKILL SUMMARY

- ✓ Simulator: Keil μ V4 .
 - ✓ Languages: Embedded C, C.
 - ✓ Softwares: Flash Magic & Philips Flash Utility.
 - ✓ Protocols: UART, CAN, I2C.
 - ✓ Controllers/Processor: 8051(8 bit), LPC2148 (32 bit).
 - ✓ Peripherals: (Product implemented) LCD, GSM, XBEE, different digital and analog Sensors.
 - ✓ Good Knowledge in Windows Xp, Windows 7&10.
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EXTRACURRICULAR ACTIVITIES

- ✓ Undergone IT Employability Training held by CSR team of TCS.
- ✓ Awarded Best NSS Coordinator in 2017.
- ✓ Undergone Internship in Supa Hydro power plant.
- ✓ Got 1st prize in movie making in Melanze-2016

EXPERIENCE HIGHLIGHTS

- ✓ Working as Embedded Engineer in Inventeron Technologies, Bangalore from July 2017 to April 2019.
- ✓ Working as Automation Engineer in Nuetech Solar Systems Pvt. Ltd. Bangalore from May 2019 to till date.

EDUCATION

- ✓ Bachelor of Engineering (EEE): SKSVMACET, Laxmeshwar, VTU, 2017.

PROJECTS

1) Time Based Temperature Management System For Solar Water Heater.

Platform : Arduino

Controller: Arduino Nano

Responsibilities: Sensors coding,

Team Size: 4

Language: Embedded c

Description: In this project we are using 2 no. of NTC temperature sensors to monitor Pipe and tank water temperature in Solar water heater system .From this project we can control 2 things.

- i) Continues supply of hot water with optimum temperature.
- ii) Also we can control of wastage of water staying in Pipe.

2) Management of Automation System in RO Plants.

Description: Working of RO plants are Acknowledged by taking parameters like PWL(Pure water level),Water dispense,HPP current on IOT basis. And send a website ,where only gvt. And vendors can access to confirm whether plant working properly or no.

PERSONEL DETAILS

Name : Manohar Umachagi
Father's name : Sannaningappa
Contact Address : G S Palya, Electronic City Phase 2
Bangalore, 560100(KARNATAKA).
Permanent Address : Vill:-Hombal [Pete Basaveswar Nagar]
Post:-Hombal pin:-
582204 Dist:-Gadag
[Karnataka]
Date of Birth : 16th Aug 1994
Gender : Male
Marital Status : Single
PAN : AEZPU8599P
Languages Known : English, Kannada, Hindi and Telugu.
Hobbies : Reading Articles, playing Football.

Place :Bangalore

Date:

(Signature)

