A.ALIBASHA

SENIOR SOFTWARE DEVELOPER

PHONE | (+91) 8098422197

EMAIL | a.alibasha93@gmail.com

LOCATION | Chennai, INDIA

EXPERIENCE | 5 Years 7 Months

Key Skills

- GIT
- Teraterm
- I2C
- BIOS
- Microcontroller 8051
- CMOS
- ARM Processor
- Embedded C
- PIC
- MPLAB
- Proteus
- Control Desk
- Canape
- MATLAB
- Cadet Activities
- TRACE32
- Oscilloscope
- Lauterbach
- Firmware
- Python
- Timers
- LCD
- RTOS

Profile Summary

Seeking a challenging opportunity in Embedded development to leverage my passion for learning new technologies and delivering high-quality results. Eager to contribute to long-term projects in a full-time role, I am committed to maintaining a stable work-life balance.

Work Experience

Senior Software Developer
Caterpillar (Randstad Technologies)
04/2023 - Present

Now Currently working with Platform software Test application development Debugging skills for driver code update and Dspace Regression HIL Testing in automotive domain.

Embedded Firmware Developer
HCLTech
05/2021 - 04/2023

Bios and Uefi developer for INTEL client Bangalore. UEFI work with client based processor.
I3c protocol Testing and validation and debug if we get any bugs driver as well as application code embedded c and python scripts changes fix it for Microchip client chennai.

Embedded Software Engineer
Cypher Circuits(Internship)
07/2020 - 05/2021

1.Santizer project. 2.PLC controller 3.Relay RTC timer 4.Triac fan speed controlled using PWM duty cycle Nuvoton N76E003 controller IOT based project 6.IR

- Arduino IDE
- ADC
- PWM
- I3C
- UEFI
- Nuvoton
- ARDUINO
- SPI
- CAN
- UART

Certification

- NPTEL
- IIT ROBOZEST
- International Conference

Languages

- English
- Urdu
- Tamil
- Arabic

Hobbies

- Spreading Useful Information Day To Day Life Technology Advances
- Cricket All Rounder
- Carrom

Extra curricular activities

- Prayer,Meditation,Gym
  Physical fitness giving to more importance to get a stable health life balance.

Extender 7.Water tank controller 8.Automatic high way street light application using RTC

R and D Embedded Hardware Engineer
Manatec Electronics
04/2019 - 07/2020

Embedded Engineer, Validation and Testing engineer for TPMS and EV charging station. High power circuits handling individual testing of 20kw DC charging station and 10kw Ac charging station.

Hardware Engineer
TURN ON LED LIGHTS
02/2018 - 04/2019

LED PCB Driver sub components levels debug and fix it. If, we get any failures for led lights 18w, 24w tube lights, Street lights & Highbay light etc..

Education

B.Tech/B.E. - Electronics/Telecommunication
2017

Achariya College of Engineering Technology
Grade - 7.79/10

12th
2012

Diploma , English
Grade - 80-84.9%

10th
2009

Tamil Nadu , Tamil
Grade - 85-89.9%