

THIRUMALA KURUMILLA

SENIOR ENGINEER

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EMAIL | kurimillathirumala19@gmail.com
LOCATION | Pune, INDIA
EXPERIENCE | 4 Years

Key Skills

- JIRA
- Gerrit
- Automotive
- Qt Maps
- QT
- Qml
- QT Creator
- I2C
- USB
- SPI
- RS232
- UART
- Unit Testing
- Cantata
- Mqtt
- Programming
- C programming
- C++ in qt
- Electronics
- Embedded Systems
- Embedded C
- Doxygen

Profile Summary

I am good with embedded C, C, qt, qml, HMI developing using qt qml in automotive domain, Device driver implementation using embedded C, UART, SPI, I2C protocol integration with TI board, etc for motor control for solar, wind, defence systems..

Work Experience

Senior Engineer

Tata Elxsi

07/2022 - 10/2024

I am working as Senior Engineer as HMI developer in EV HMI cluster using qt qml coding and C++ in Automotive domain.

Embedded Engineer

7hills technology services

02/2022 - 06/2022

embedded systems engineer

Praudyogi innovations

09/2021 - 02/2022

I have learned about Arduino ide, c and c++ and then started learning Arduino ide on esp32. I was responsible for writing Arduino code for esp32, eeprom with Arduino ide, then I have learned about basic components. http protocol, osi layers

Electronics Engineer

Unio labs pvt ltd

03/2021 - 06/2021

- Microcontroller
- Device Drivers

Languages

- English
- Telugu
- Hindi

Hobbies

- Craft Work
- Drawing
- Make Electronic Toys

Linkedin

https://www.linkedin.com/in/thiru-mala-7a5641378?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app

Senior Firmware Engineer

ELECTROPNEUMATICS & HYDRAULICS

01/2025 - Present

Implementing device driver software using embedded c for controlling motors for solar, defence , wind projects. And implementing spi, uart protocols to integrate with TI boards.

Porting code from ccs 5.4 to 12.7.

Writing doxygen comments for the code.

Implemented code to read the incoming data from ti board through serial port (uart) using qt creator tool.

Implemented source code in qt creator to receive data from the drive using serial communication.

Internship

Unio labs pvt ltd, 92 Days

Education

M.Tech - Electronics/Telecommunication

2015

CMR College of Engineering & Technology, Hyderabad

Grade - 80%

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

2012

nigama engineering college

Grade - 81%

12th

2008

Andhra Pradesh , English

Grade - 85-89.9%

10th

2006

Andhra Pradesh , Telugu

Grade - 85-89.9%