

Prince Dany Marapatla

Attili, West Godavari (district), Andhra Pradesh (state) , pincode:534134

6300864060 | princemarapatla@gmail.com

 www.linkedin.com/in/PrinceDany

Objective

To be associated with a dynamic and progressive Organization that will allow me to utilize my abilities and qualifications in the field to add value to the organization while providing me with opportunities for growth.

Education

- Seshadri Rao Gudlavalleru Engineering College** 2025
Engineering in Electronics and Communication
8.85/10
- Smt. B. Seetha Polytechnic College** 2022
Diploma in Electronics and Communication Engineering
95.9/100
- Mother Marcella English Medium School** 2019
Matriculation
9.7/10

Skills

- Embedded C/C++
- STM32, Arduino UNO boards programming.
- Microprocessors and Microcontrollers.
- CANoe, CAPL scripting
- Serial communication protocols(I2C, CAN, SPI, UART)
- Programming languages:C , Python, Java

Experience

- People Tech Group** 03/02/2025 - Present
Junior software Engineer
 - Developed the Battery Management System (BMS) STM32f401 controller, Battery Packs, Wiring Harness for the Electric Bike, Setting up the parameters and tuning the motor controller using Lingbo interface.
 - Created Data Base using CANdb++ editor, Validated the CAN messages using CANoe software, Tested the vehicle using CAPL scripting.
 - familiarized with the tools STM32CubeMX, STM32CubeIDE, STM32Programmer.
 - Verified the serial communication protocols with Arduino CAN Bus Shield, PCAN tools, JHB CAN tool.
 - Experienced driving work through the full software development lifecycle including requirements, design, implementation, testing and deployment, familiarized with the Ticketing tool JIRA.

Projects

- Fire Alert System with Door Automation**
Using 8051 Microcontroller and Embedded C programming developed an "Fire Alert System". It detects the fire and alert the people in different ways : led glows whenever the fire occurs, it provides an visual alert. And an text is displayed on the LCD that gives a clear alert messages. And an buzzer turns ON when fire occurs,it provides sound alert.
- Power Enhanced Gate FinFet based multiport SRAM.**
A new type of SRAM memory cell that uses Gate FinFET technology is designed using Microwind software. This will help the memory cell use less power, read data faster, and write data more quickly.

Academic Internships And Certifications

- One month virtual internship on "Programming with Arduino UNO & introduction to Raspberry pi" at Sri Shasha Prayathi Technologies Pvt. Ltd.
- One month internship on "Java Programming" conducted by Code Tantra.
- 8 weeks internship on "Artificial intelligence" conducted by Artificial Intelligence Medical and Engineering Reasearch Society.
- IoT and Embedded Systems certification in NPTEL.
- Python certification by Kaggle.