

IPPILI NAVYA SREE

Engineer

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About Me

Dynamic Engineer with a proven track record at L&T Technology Services, specializing in embedded firmware development and supply chain optimization. Excelled in developing device drivers for STM32L microcontrollers and enhancing supplier relationships. Demonstrated expertise in electronic devices and embedded C programming, effectively presenting technical solutions to clients and quality teams.

education

JNTUK University

2018-2022

GVP College of Engineering for Women ~ECE

skill

- Embedded Firmware
- Communication Protocols(UART,I2C,SPI)
- Electronics Devices
- Embedded C programming
- C,C++ Programming
- RTOS

work experience

Engineer|L&T Technology Services

2024-now

- Supported in Software, BACnet Project.
- Worked on the embedded project EOL testing.
- Good experience in the UART, SPI, I2C protocols.
- Good hands-on knowledge of PWM, ADC, and GPIO peripherals.
- Developed and tested device drivers for the microcontroller (STM32L).
- Working as a Procurement Engineer on the Lutron project.
- Knowledge of testing, such as curve tracing, voltage probes, current probes, and oscilloscopes.
- Good knowledge of alternate analysis, qualifying the parts with the quality team.
- Experience in presenting the projects and parts to clients and the quality team.
- Working on an LED driver with PWM control for a constant power output feature project.
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Associate Engineer|L&T Technology Services

2023-2024

- Worked on tasks that require a good knowledge of STM32 Cube IDE, Docklight, STM32L microcontroller, UART protocol, flash memory, embedded products, and PC tester software interaction, as well as embedded coding.
- Managed procurement processes using an agile platform for record-keeping and tracking.
- Conducted part validation through presentations to the quality team and performed testing activities, such as curve tracing, probing, and oscilloscope analysis, while contributing to supply chain efficiency.
- Worked on the Lutron LED driver with PWM control for the constant power output feature.