

Gurudev T

Embedded Software Engineer Intern

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Place: [Sira,Karnataka](#) - 572135

PROFESSIONAL EXPERIENCE:

- ✧ **GALAXI ENGINEERING TECHNOLOGY SERVICES PRIVATE LIMITED** **MYSORE, KARNATAKA**
(Embedded Software Engineer) **(JULY 2024 – Present)**

Development and integration of digital instrument clusters for automotive applications, focusing on real-time automotive data visualization, user interface design, and embedded system optimization.

- Designed and optimized user interfaces (UI) for enhanced driver interaction and usability.
- Implemented embedded system solutions to improve performance, reliability, and efficiency.
- Collaborated on hardware-software integration, debugging, and system optimization.

- ✧ **Internship (1.5 Months)**
Hybrid and electric Vehicle
(VERZEO)

EDUCATION :

- ✧ **Master of Technology (M tech) in Embedded Control and Automation** **(7.2 CGPA)**
Manipal Institute of Technology **(2023-2025)**
Manipal,,Karnataka

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- ✧ **Bachelor's Degree (BE) in Electrical and Electronics Engineering (EEE)** **(6.79 CGPA)**
Malnad College of Engineering **(2019-2023)**
Hassan,Karnataka

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- ✧ **The Pre-University Board (PUC)** **(93 %)**
The Presidency PU College **(2016-2018)**
Sira,Karnataka

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- ✧ **SSLC (Secondary School Leaving Certificate)** **(92 %)**
The Presidency Public School **(2015-2016)**
Sira,Karnataka

SKILLS :

Programming Languages : C , C++ , PLC , Linux
Microcontrollers : Traveo T2G CYT3DL , Infineon Aurix TC233 , STM32 , Arduino
Communication Protocols : CAN , UART , SPI , I2C
CAN Tools : Peak CAN
IDE Tools : IAR EWARM, KeilUvision5, XL5000, MATLAB , STM32CubeIDE , AURIX IDE

NPTEL (SWAYAM COURSES) :

- Internet Of Things
- Enhancing Soft Skill & Development

PROJECTS :

1) TFT Instrument Cluster

Customer: Galaxi Engineering Technology Services Private Limited

Microcontroller: Traveo T2G CYT3DL

Communication Protocols: CAN, UART, SPI, I2C

IDE: IAR EWARM, Keil Uvision5

- Implemented touch control with the GT911 driver IC.
- Managed display content based on CAN signals.
- Collaborated on hardware-software integration, debugging, and system optimization.

BE PROJECTS :

- ✧ Smart Grid Integration of Photovoltaic Water Pumping System.
- ✧ Agriculture Robot using Arduino Uno.

DECLARATION :

I hereby declare that the information provided in this resume is accurate and true to the best of my knowledge .

Date:

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