YESWANTH GUNISETTY

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Links: Linkedin | Github

Career Objective:

Highly motivated and eager fresher with a passion for technology, seeking an entry-level position in software or embedded systems development. Eager to contribute my skills in programming, testing and problem-solving to a dynamic team and grow within a progressive organization.

Education:

B.Tech in Electrical & Electronics Engineering   2021 - 2025
Sri Vasavi Engineering College(A)
83.94%

Board of Intermediate   2019 - 2021
Sasi Junior College
97.8%

Board of Secondary Education   2019
Bhashyam English Medium High School
90.25%

Technical Skills:

Programming Languages: C, Java.
Concepts: Data Structures in C, Object-Oriented Programming (OOPS) in Java.
Software Tools: Arduino IDE, SP flash tool, QFIL, Vector Tool (CANoe), STM32Cube IDE.
Debugging Tools: ADB, Debug logger, CAN Dbc, TRC.
OS: Android, Linux and Windows.

Experience:

DEV QA Intern   Dec 2024 - Jun 2025
People Tech Group Inc. | Hyderabad
- Collaborated with the E-bike DEV team to identify and report build issues before QA and client release, ensuring stability and quality of software.
- Analyzed Android system logs to proactively detect and report bugs and improved build reliability.
- Verified software-hardware integration by validating CAN signals, sensor behavior and smart cluster display responsiveness under different conditions.
- Skills Utilized: Unit testing, Sanity, Regression, Basic Logs debugging and Vector tool (CANoe).

Embedded Systems Intern   Jun 2024 - Jul 2024
NIT AP | Tadepalligudem
- Explored and learned about STM32, Discovery and Arduino microcontroller boards.
- Simulated experiments on STM32 and Discovery boards using STM32 Cube IDE.
- Enhanced knowledge of C programming language for embedded systems.
- Gained hands-on experience in GPIO pins configuration and utilize I2C for sensor communication.
- Skills utilized: C programming.

Projects:

Transmission Line Fault Detection System
- Faults in overhead transmission lines can be occured by short circuit, open circuit and fire.
- By implementing this project, we can detect and identify which type of fault is takes place and also can get GSM alert using GSM Modem. In this way, faults are detected.
- Software Tools Requirements: Arduino IDE, Embedded C.
- Hardware Components: Arduino UNO, GSM Modem, Voltage Sensor and Fire Sensor.

CNG/LPG Gas Accident Prevention using GSM Alert
- This project utilizes Arduino technology to create an efficient and reliable CNG/LPG gas detection system, ensuring safety and preventing gas-related accidents.
- By implementing this project, we can detect gas through gas sensor and gives alert notification to emergency numbers and gives alarm sound. This will prevent the accidents occurred by LPG/CNG gas.
- Tools & Technologies used: Arduino IDE, Embedded C.

Soft Skills:

- Time Management
- Work Ethic
- Communication Skills
- Content Creation

Certifications:

- Prompt Engineering Professional Certification, Udemy.
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional, Oracle University.

Personal Details:

Date of Birth : 12/07/2003
Gender : Male
Nationality : Indian
Languages Known : English, Telugu, Hindi

Declaration:

I hereby declare that the above mentioned information is accurate to the best of my knowledge and belief.

Place: Hyderabad **Yeswanth Gunisetty**