

SRIGOURI GANJI.

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Professional Summary

AUTOSAR Communication Stack Engineer with over 2 years of experience specializing in Embedded C programming and managing Network Communication for Active Safety Products for Various OEMs. Proven expertise in developing and optimizing communication modules, ensuring robust and reliable system performance. Adept at collaborating with cross-functional teams to deliver innovative solutions aligned with safety-critical requirements.

Skills

- Proficient in **Embedded C programming**
 - Expertise in **AUTOSAR Communication Stack Implementation**
 - Strong understanding of **Network Protocols** (CAN, FlexRay)
 - Experience in **Debugging and Testing Tools** (e.g., CANoe, CANalyzer)
 - Knowledge of **Functional Safety Standards** (ISO 26262)
 - Familiar with **Version Control Tools** (Git, SVN)
 - Excellent problem-solving and analytical skills
 - Strong communication and teamwork abilities
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Professional Experience

Bosch Global Software Technologies (BGSW)

Role: AUTOSAR COM Stack Implementor

Duration: [January, 2023] – Present

- Developed and implemented AUTOSAR Communication Stack modules for active safety products, ensuring compliance with industry standards.
- Managed network communication protocols (CAN, FLEXRAY) to enable seamless integration and system reliability.
- Conducted rigorous testing and debugging using tools like CANoe and CANalyzer, enhancing product stability and safety.
- Contributed to system-level design and documentation, ensuring clear communication of technical requirements.

Wipro

Role: Java Developer Intern.

Duration: [July, 2022- Dec, 2022]

- Developed and tested Java-based applications to meet client requirements.
 - Worked on front-end and back-end integration for web applications i.e Online Ticket Booking App using Angular.
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Education

[BTECH-Electrical and Electronics Engineering.]

[CVR College of Engineering] — [2022]

Percentage (%): 86

[Higher Secondary Education]

[Sri Gayatri Junior College (MathPhysicsChemistry)] — [2018]

Percentage (%): 96

[Secondary Education]

[Krishnaveni Talent School] — [2016]

Percentage (%): 97

Certifications

- [Embedded T-HUB Training at BGSW] • [January, 2025]
 - [Java Developer at Wipro] • [July, 2022]
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Projects

Automatic Illuminating Control System using Arduino

- Developed an automatic lighting control system using **Arduino Uno** and **LDR** to detect ambient light and control illumination.
- Used a **Relay Module** to switch the light on/off based on light intensity, improving energy efficiency.
- Implemented logic to trigger the relay based on analog readings from the LDR, ensuring automatic operation at night or in low light conditions.

- Completed the project as part of the B.Tech [EEE] curriculum, showcasing knowledge in **Arduino programming**, **sensors**, and **electronic circuit design**.

Technical Tools

- Debugging Tools: CANoe, CANalyzer.
- Configurator: DaVinci Developer for testing and simulation.
- Programming Languages: Embedded C, Python.
- Version Control: Git, SVN
- Knowledgeable in UDS Protocol.

Languages

- Programming Languages: Embedded C, Python.
- Spoken Languages: English, Telugu Hindi.

Interests

- Exploring advancements in embedded systems.
- Gen Ai and Artificial Intelligence.