



PROFESSIONAL SUMMARY

Verification Engineer with a year of testing and verification experience. Skilled in applying verification methodologies to ensure system quality. Eager to expand technical expertise and contribute to innovative projects in a dynamic environment.

EDUCATION

BE | EEE | KLE -IT, Hubballi, Karnataka [2022]
CGPA: 8.27 [75.2 %]

PUC | Vinay Chikkatti PU College, Gadag
[2018] 87%

SSLC | Adharsha Vidyalaya (RMSA), Gadag
[2016] 92%

SKILLS

- **TECHNICAL/ FUNCTIONAL:** Knowledge of HILS systems .
- **COMMUNICATION PROTOCOLS:** CAN, LIN Communication protocol. UDS Protocol(ISO-14229) etc.J1939(SAE), ISO26262, Ethernet.
- **SOFTWARE SKILLS:** C Programming, Basic java.
- **TOOLS & TECHNOLOGIES:** PN Tool, SE tool, Canoe/CANalyzer, Engineering Tool, VS code, Eclipse.
- **HARDWARE SKILLS:** Micro-controller/Micro-processor architecture. Micro-controller hardware I/O configuration.
- **Other Skills:** Problem-solving, Critical thinking, Communication, Team collaboration

CERTIFICATIONS

- PG Diploma in Embedded System Design and Developer from IIES.

PROFESSIONAL EXPERIENCE

Verification Engineer (Apprenticeship)
VOLVO | Bengaluru | February 2024 – Present

ECUs worked on

- VECU
- BBM

Functions Verified on VECU

- BPMS (Battery Power Management System), PTO , Day Running Light, Reverse Light Control, Fan Control, Approach Light etc.

Functions Verified on BBM

- Gear Inhibition, Truck Moving Direction, ePTO , Split Box, Relay Outputs, PTO Output Control etc.

Responsibilities

- Develop comprehensive **test plans, Test Scenario, Test Coverage Analysis, Test Procedure, Test Script and test cases** based on requirements and system specifications.
- Design and implement test strategies for functional, performance and **regression testing**.
- Execute **manual** and **automated tests** to validate system functionality, performance, and reliability.
- Collaborate and communication with development teams to troubleshoot and debug issues.
- Manage and verify defect resolution for software or hardware issues identified during verification.
- Work with software, hardware, and systems engineers to understand system requirements and validation procedures.
- Collaborate with other departments to coordinate and ensure smooth testing and product integration.
- Basic knowledge of **V1 verification process**, ensuring the initial version of the software meets all required standards and criteria.
- Familiar with **automated testing** with company specific tools.