

AMBALA SAHITHI

Software Engineer



CONTACT

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OBJECTIVE

Hands on experience in performing validation and verification of system and sub-systems as well as system integration process in Automotive Field. Willing to work at a responsible position as a system validation engineer in a renowned organization.

WORK EXPERIENCE

CONTINENTAL AUTOMOTIVE

- Overall, 2 years of experience as a Software Test Engineer.
- Working in Continental through Manpower group service private limited.

TECHNICAL EXPERIENCE

- Validating & simulating the ADAS function -EBA (Emergency Brake Assist Module) for VW project.
- Good Working experience in product life cycle STLC.
- Ability to prioritize tasks, handles multiple tasks, and meets deadlines.
- Skilled in CAN protocol, Diagnostic services, CANOE tool.
- Hands on experience projects handled while training, like creating Panels & CAN Database using CANOE tool.
- Hands on experience in SIL & HIL Test Case writing, reviewing & executing the test cases.
- Hands on experience in developing canoe configuration panel with CAPL.
- Having Experience on ECU - Instrument Panel Cluster (IPC)
- Automation desk tool for executing the HIL test cases.

SKILLS

Programming Language	:	Python, C
Protocol	:	CAN
Dev tools	:	Visual Studio, PyCharm
Simulation Tools	:	HPC, TDSM
Requirements tool	:	DOORS, AZURE
Testing Tools	:	Vector Canoe, HIL Automation desk.
Flashing Tools	:	DET
Operating System	:	Windows family

PROJECTS:

1. SIL Execution for Customer project

Tools: TDSM, PyCharm

Configuration Management Tool: IMS

Requirement Management Tool: Doors

Team size:5

Description:

Roles & Responsibilities:

- Understanding & analyzing the Realization Order on the inputs.
- Creating the testcase for the scenarios and generating constrains
- Submitting jobs based on the scenarios to check the execution of constrains
- Updating the Result of the testcase in Doors based on the report

2. EBA validation through HIL

Tools: Canoe, CapL, HIL

Configuration Management Tool: IMS

Team size: 5

Description:

Roles & Responsibilities:

- Understanding & analyzing the system requirements.
- Requirement understanding review & writing test case for the failed requirements from SIL.
- Executing the test cases and checking the output is as per the requirement or not.
- If the output is similar to the requirement, then the test is passed or if not then reporting the same with the results to the developer.
- Discussing the same with developer and raising a defect ticket to the developer.

EDUCATION

Sindhura college of engineering and technology

2011-2017

Trinity junior college

2009-2011

Sacred Heart High school

2009