

K. SAI SHIRISHA

Software Integration Tester

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Bangalore

SUMMARY

I intend to be a part of an organization where I can constantly learn and develop my technical and management skills and make best use it for the growth of an individual and organization, I look forward to establishing myself by adapting new technologies as well.

EXPERIENCE

Software Integration Tester

Harman Connected Services

09/2021 - Present Bangalore

Project: STELLANITS

- Worked in Agile Methodology.
- Focused on sprint-by-sprint deliveries.
- Understanding of software structure for embedded systems i.e., flashing, calibration, configuration etc.
- Knowledge on Automotive communication protocols (CAN)/PCAN and Vector CANoe.
- Written the test cases according the requirements of the client and review by development team, product management and modified the test cases based on their feedback.
- Connected CAN Protocol software to the target/hardware for the verification and validation, According to the Test Cases/Test Report executed and report to developers, Integrator or Test lead.
- Worked on HMI[Human Interface] Features→VDHMI Touch, PAS, Bluetooth, Climate, Settings, Navigation, Media/Audio, iLife, Speech[VR], Camera, Android Auto, Car-play.
- Good understanding over system development life cycle, Testing life-cycle and testing techniques.
- Worked on Engine related software with focus on CAN/PCAN-view protocol and Vector CANoe.
- Resolved the difficult integration testing issues between existing Vehicle system and Production/Clients.
- Knowledge on JIRA Software.
- Communication with developers and clients to deliverable as per the clients requirements.

- Working Knowledge of Over-the-Air-Software update[OTA] technologies and methods.
- Know-how of security and regulation requirements to Over-the-Air-Software update[OTA].
- Experience in root cause analysis for the issue observed during testing/validation and observing the countermeasures.
- Ensuring the performance test at every stage through validation at integration, System and vehicle level.
- Maintaining defect database for the future reference.
- Compatibility of new features and functional testing or updates in comparison to existing applications.

EDUCATION

Information Science

DON BOSCO INSTITUTE OF TECHNOLOGY BANGALORE

08/2016 - 07/2020 Bangalore

- 64.5%

SKILLS

Manual Testing

Component Testing

Integration Testing

Regression Testing

System Testing

OTA Testing

RollBack OTA Testing

Sanity Testing

Functional Testing

SQL

JAVA