CHEKURI

WORKEXPERIENCE- SWE6 and SYS5 Validation Mail:venkatchekuri06@gmail.com

Location: PUNE Phone:6300303002

CARREROBJECTIVE:

4+ years of experience as verification and validation engineer in the Automotive domain. Experience in preparing the execution test strategy including the CI/CT planning, designing test scenarios. Strong communication skills with an ability to grasp new things quickly. Good team player with strong interpersonal skills along with Project management skills.

WORK EXPERIENCE:

- WorkingfortestingtheADAS **featuresof Virtual Mirrors like Heater, Soiling detection, BSDetc.**
- RadarfeaturestestingusingHILandSILenvironment.
- CI/CT strategy planner, Creating Jenkins jobs for task Automation.
- Experience in using VT System HIL.
- InvolvedintheIn-Vehicletrackdata collection andNCAPscenariotesting.
- Technical reviews, Delivery management, Planning &Tracking for Validation activities.
- Hands-on Experience with HIL Testing with dspace and control desk simulator
- Handlingroleofscrum mater.
- Customer Interactions| Project Management| Data analytics| Testdocumentation| Metricsgeneration
- ParticipatedintheASPICElevel2auditsfortestactivities, interact with Stakeholder son queries related to test, FunctionalSafetyISO26262,
- Worked for different OEM projects like GM, Ford, Honda, Daimler, Subaru.
- As a Scrum master, I lead scrum sprints using the scrum framework to help the scrum teams to deliver the highest quality product. Facilitated the scrum team to do back Log refinement, sprint planning, sprint review, sprint retrospective.
- **Certifications:** ISTQB Foundation

PROFESSIONAL SKILLS:

- CANoe, vTest Studio
- CAPL Scripting
- **HIL VT System(dSpace)**
- **DOORS, PTC,**
- **JIRA**
- CAN, UDS
- vFlash, Canoe. Diva
- CICD

Projects:

Ensuring documents plus practices Project: ADASfeatureValidation of Mirrors with ECUs

Organization: Magna International

Role: Senior Test Engineer

Team Size: 8 members

Principle for digital side view mirrors is, Cameras are mounted in a housing on the door or A-pillar in a similar location to conventional side mirrors. The primary benefits of digital side view mirrors, camera uses a wide-angle lens and can crop or otherwise adjust the field of vision to suit the situation.

The virtual exterior mirrors not only provide a new technology experience, but also many practical benefits in terms of comfort and safety. Their flat support integrates a small camera whose image is digitally processed and shown on high-contrast 7-inch OLED displays in the interior. The driver can enter different settings using the touchscreen function

The heater module takes care of the heating element installed in the camera and activates it when convenient at the calculated power to clean off some elements from the lenses. It can reduce or eliminate fog, mist, or other adverse meteorological conditions that have a negative impact on the camera video system. It can be triggered automatically or at the driver's

Responsibilities:

- Analyze the System requirements and develop the corresponding System level test
- Performed Vehicle testing of Virtual Mirror ADAS features like Heater Module, Filed of View, Blind Spot Indicationetc.
- Effectively engaged with clients, addressing inquiries, providing solutions and ensuring exceptional customer satisfaction through clear communication and a client-centeredapproach.
- Identifying the gaps, attain quality standards and applicable regulatoryconformance.
- Complying with company guidelines and policies utilizing sound system validationpractices.
- Ensuring the completeness and accuracy of system validationrecords.
- Accountable for the Manual and Automatic Testing, Requirement Review, TC Design, Scenario creation and execution inCANoe, VT Systems and vTest Studio.
- Involved in the Test Case designing for new projects in IBM RationalDOORS.
- HIL execution is in VT Systems.
- Defect Reporting and Tracking in JIRA
- Experience in HIL Testing using dSPACE simulator
- Working on the automotive tools vTest, VT Systems, CANoe, CANalyzer, CAPL Scripting
- Handling the Change request management tool IBM Rational Change.

Project: Remote Keyless Entry Validation

Organization: Magna International

Role: Test Engineer

Team Size: 12 members

The main objective of the project is RKE is a feature that allows the user to remotely control and enter key values for specific task such as unlocking or locking test sequence or implementing security measures.

The project includes creation of System level test cases for RKE feature verification.

Responsibilities:

- Performing System level testing.
- System requirements review and implementing System Test cases.
- Reviewing of System requirement document (SRD) for RKE features.
- Involved in performing verification and validation for IPC through dSPACE.
- Preparation of System Req Document (SRS) for the RKE features.

- ❖ Raise defect against developed code in the configuration management tool and provided defect report for the tested software modules

Project: ***Diagnostics Validation***

Organization: Magna International

Role: Test Engineer

- ❖ Implementing Diagnostics related test cases by using vTest Studio and CANoe
- ❖ Generating and executing DIVA test cases in CANoe environment and analysing the reports.
- ❖ Requirement analysis, creating test specifications and Test automation for
- ❖ different functionalities (Secure Variant Coding, Diagnostic Chrono stack) of ECU.
- ❖ Executing and Analysing test results and reporting bugs in JIRA.
- ❖ Responsible for DiVA test bench preparation and flashing related activities.
- ❖ Responsible for testing Diagnostics and Flash related tests in DTS Monaco

Personal skills:

- InnovativeThinking
- Teamwork
- Flexibility
- StrongDedication

Education:

- **Btech (ECE)** **74%** **2019**
  (AffiliatedtoJNTU)
- **12thGrade** **2015**
- **10thGrade** **2013**

Languages:

- English
- Hindi
- Telugu