

CHANDRA SHEKAR M
VALIDATION ENGINEER

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PROFESSIONAL SUMMARY:

- I have total around 6 years of experience and 4 years of relevant experience in AUTOMOTIVE TESTING DOMAIN.
- Experience in working with CAN protocol and CAN message format (11 bit and 29 bits).
- Have experience on Infotainment features like Bluetooth, Android Auto, Car play, Navigation ,USB and RADIO.
- Having Good experience in testing of ADAS features like Rear View Camera, Multi view camera and ultrasonic parking sensors.
- Have experience on different kinds of Bluetooth profiles like A2DP,AVRCP,GAP,SAP,HFP,PBAP.
- Have a good experience in Canoe Tool in project with Trace window, Graphical window, Panel window, IG block, Measurement setup window, Simulation window.
- Have knowledge on CAPL Scripting.
- Hands on experience on Communication protocols like CAN and CAN TP protocols.
- Hands on experience on Diagnostics including UDS protocol-based DTC,DID and RID verification.
- Hands on Experience on important services 10,11,22,2E,3E,27,31,19,14.
- Performed functional testing like Smoke testing, Functional testing, Adhoc testing and Regression testing.
- Hands on Experience in Vector CAN Tool- Canoe.
- Have Proficient experience in Manual and functional aspects of the Web based Applications on multiple levels of SDLC and Testing Life Cycle (STLC).
- Have Knowledge on Door ajars, Child safety lock, Seat belt warnings,Indicators,Hand brake,Speed warnings etc.
- Having experience on validation of different kinds of DTC's like short circuit and open circuit.
- Having good exposure on understanding the system requirements related to INFOTAINMENT and ADAS.
- Able to identify the Bugs and Raising the tickets and tracking.
- Experience in writing and performing Technical Reviews for Test cases.
- Skilled in building and maintaining excellent relationships with team leaders, senior managers, team members and customer.
- Have Knowledge on HIL Testing.

PROFESSIONAL EXPERIENCE:

- Validation Engineer at TCS from 28-DEC-2016 to 04-MAR-2022.
- Validation Engineer at Accenture from 14-Mar-2022 to Now.

EDUCATIONAL QUALIFICATIONS:

- B.Tech in Electronics and Communication Engineering at MGIT College - with 73%.
- Diploma in Electronics and Communication Engineering at GPT MBNR with 84.6%

TECHNICAL SKILLS:

PROTOCOL	CAN,CAN TP,UDS
TESTING TOOLS	CANOE,CANALYSER
BUG TRACKING TOOL	JIRA
PROGRAMMING LANGUAGE	CAPL SCRIPT
FLASHING TOOL	USB,ADB
DIAGNOSTIC TOOL	DDT 2000
REQUIREMENT TOOL	RATIONAL DOORS

PROJECT-1 TATA HEXA NAV:

Client	TATA
Domain	Automotive

Responsibilities

- Experience in Automotive infotainment software Verification & Validation.
- Writing test cases based on requirements & validating.
- Experience in all aspects of the software development life cycle, including requirements analysis and validation support.
- Performs software validation for project on infotainment systems (Bluetooth, Multi-Media, Hands free phone, Voice recognition, Navigation) on test bench and vehicle.
- Having knowledge of Diagnostics functions using protocol of UDS[ISO- 14229] &There service ID
- Having good experience protocols are CAN,UDS and TP.
- Good experience with bug tracking tool as JIRA.
- Performed testing activities of HVAC features normal on infotainment of like AC ON/OFF, Blower ON/OFF.
- Executive functional testing like that Smoke, Exploratory & Regression testing.
- Validated on features like FM in different ways and it also includes validating of seek up/down And auto seek up/down.
- Hands on experience in on –board diagnostics which involves DTC & DID Verification.
- Performed testing on different Bluetooth profiles are GAP,MAP,SAP,HFP,AVRCP &A2DP.
- Having experience in phone projection of Android Auto and Car Play.
- New software's flashing when required while validating.
- Having good experience on the Debugging skills of Logs.

Project 2:TATA RFK

Client	TATA
Domain	Automotive

Responsibilities:

- Functional Testing.
- Analyze requirements created test plans, written test cases and executed test cases for Rear View Camera, Multi view camera and ultrasonic parking sensors.
- testing of ADAS features like Rear View Camera, Multi view camera and ultrasonic parking sensors.
- Hands on experience in on –board diagnostics which involves DTC & DID Verification.
- Have good working experience with Bug Life Cycle and raising the tickets by using JIRA tool.

PROJECT 3 :FIAT LINEA UG

Client	FIAT
Domain	Automotive

Responsibilities:

- Experience in all aspects of the software development life cycle, including requirements analysis and validation support.
- Performs software validation for project on infotainment systems (Bluetooth, Multi-Media, Hands free phone, Voice recognition, Navigation) on test bench and vehicle.
- Hands on experience in on –board diagnostics which involves DTC & DID Verification.
- Performed testing on different Bluetooth profiles are GAP,MAP,SAP,HFP,AVRCP &A2DP.
- Having experience in phone projection of Android Auto and Car Play.
- New software's flashing when required while validating.
- Having good experience on the Debugging skills of Logs.

DECLARATION: Here by I declare that the above information is true to the best of my knowledge and belief.

CHANDRA SHEKAR M.