# Sushma

## A B O U T

working as a validation engineer for past 3 years in automotive infotainment t from Apr 2021 to till now. For Adas oct 2020 to Apr 2021.

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## E D U C A T I O N :

Completed B.Tech from ECE background of JNTU Ananthpur

## P R O F E S S I O N A L  E X P E R I E N C E :

**Jasmine infotech
Chennai**

- **VALIDATION ENGINNER**

- Worked on BT Hand free BT Audio features with different profiles**(HFP,A2DP,AVRCP,PBAPand MAP)**.
- Strong knowledge of **Apple CARPLAY** and **ANDRIOD AUTO**, ensuring smooth in automotive infotainment functions.
- Having good experience on **Navigation** functionality assistance service like **History, Point of interest ,Favorites, coordinates.**
- Having good knowledge on **test bench** setup sending signal
- **CANOE** tool and execution the Test cases in infotainment.
- flashing the software in the infotainment using **USB ,ADB commands.**
- Experience of **validation** and **verification** model.
- Raising and tracking the ticket status by using **JIRA** tool.
- Having Testing Knowledge in different **HMI** Functionalities such as **AC, BLOWER**, User profiles experience in analyzing the logs.
- Expertise configuration management by using **rational doors**.
- Expertise configuration of diagnostics **DID'S, DTC'S, RID'S** by unified specifications.
- Experience in identifying bugs ,raise tickets, and effectively track their progress using the **Tera term tool.**
- Additionality ,you have practical experience with software flashing via TOOLS, **ADBCOMMANDS**, and **PENDRIVE**.
- Hands on experience with the canoe tool, Utilizing **Trace Window ,Graphic window, Write window, IG block** exemplifies your proficiency in test execution.
- Having good knowledge on harness preparation for **bench level** testing is one of my areas of expertise, and I have gained valuable for valuable infotainment systems.
- Performed testing of features such as **Multi Media, USB ,FM/AM, Navigation,** both on test benches and vehicles.

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**Chennai**

## VALIDATION ENGINEER

- Having good experience on the validation of the **Rear view camera**, **multi view camera , ultrasonic sensor.**
- Knowledge of sending signals to the **ADAS ECU** from **Ultrasonic sensors** at the3m,2m,1m ranges.
- **Software testing life cycle** methodologies, Including **Test cases, Test plan,** Test cases execution Defect Tracking and Documentation.
- Using hill bench I have tested features like **ANTI LOCKING BRAKING SYSTEM.**
- Tested **ABS** functionality using hill bench setups and simulation setups.
- Having experience in testing features like **RVC**, **ULTRA SONIC SENSORS ,** by using **Hill bench.**
- Raising ticket by using **JIRA tool** when test case failed.
- Having good experience on configuration management by using **Rational doors**.
- Experienced on **analyzing** requirements and writing test cases based on that.
- Good knowledge on **ETAS Hill bench** setup.
- I have well - versed in creating configuration databases and panels using both **CANOE** and **CANalyzer** tools. The process of flashing the ADAS ECU through tool.
- To evaluate **RVC** and **MVC** features ,I utilized the **audio video bridge** (AVB)panel as a screen in CANOE tool.
- Experience with **RVC** testings such as **BOWL, PANORAMA, REAR Views and Guidelines weather it was static ,dynamic** by sending signals through **AVB** panel.