

## B V SATYANARAYANA

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### OBJECTIVE:

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To acquire a position that furnishes me the opportunity to bring my technical expertise, problem solving skills and willingness to learn to make the organization successful.

### SUMMARY:

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- Having overall 5 Yrs. of Experience and around 3 Yrs in Automotive Industry as a **System Test Engineer**.
- Having good experience on **HIL (VT System) Testing**.
- Good Experience in ADAS on **Far Field System** and **Near Field System**.
- Having good Experience on **CANOE/ CANalyzer**.
- Having good Experience on **CAN, CANFD**.
- Good Experience in Automotive Diagnostics using **UDS**.
- Having hands on experience on **CAPL Scripting**.
- Knowledge on C.
- Having Experience on **RBS (Rest bus Simulation)**
- Good Experience on test case automation by **Test Module**.
- Having basic Experience on **CARMAKER HIL Tool**.
- Good Experience with **Perception function like.. TSR(Traffic Sign Rec) and Pedestrian detection functions**.
- Good Experience on **Requirement analysis, Test Design document, Test Case Implementation** and reviewing the **Test Cases**.
- Good Experience on **PTC integrity Tool** where **all Input docs** and log for **defects**.
- Communication skills and reputable qualities as a team player while working as team.

### Professional Experience:

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- Worked with HCL Technologies, Bangalore as a Lead Engineer from Sep 2021 to August 2023.
- Worked with Adept chips Services Pvt. Ltd, Bangalore as a Software Engineer from May 2021 to Sep 2021.
- Worked with Archeesh laboratories Pvt.Ltd, Hyderabad as a Test Engineer from April 2018 to April 2021.

### Professional Skills:

- VTSYSTEMS, VTestStudio.
- CAN, CANFD, LIN
- UDS
- CaNalyzer, CaNoe, Canape, Canoe.DIVA
- vFlash
- PTC, DOORS
- CAPL Scripting
- GIT, RQM

### PROJECTS:

<b>Client</b>	<b>MAZDA MOTOR CORPORATION</b>
<b>Organization</b>	<b>Magna Electronics</b>
<b>Project</b>	Mazda Surround View System
<b>Role</b>	Software Test Engineer
<b>Project Description:</b> An emerging automotive ADAS technology to assist driver by providing vehicle safety in parking. Exterior view from driver to outside of the vehicle which would be covered by wide range 4 cameras mounted on the vehicle, each facing different directions (Front rear bumper, left and Right mirrors). These cameras would give live stream view for the outer world to driver so who would be adjust vehicle in parking place. System captures the row image which are achieves inputs from 4 cameras then the system can be constructed all four images in single frame and display on the screen.	
<b>Environment/Technology/ Tools:</b> vTest Studio, VT Systems, PTC, Canoe, Carmaker	
<b>Responsibility:</b> <ul style="list-style-type: none"><li>▪ Requirement Analysis</li><li>▪ Test Case design, implementation, automation &amp; bug reporting</li><li>▪ Reviewing Test Cases of various features.</li><li>▪ Responsible for customer interaction regarding status and query resolution.</li></ul>	

<b>Client</b>	<b>BMW</b>
<b>Organization</b>	<b>Magna Electronics</b>
<b>Project</b>	ADCAM Front Camera Module
<b>Role</b>	System Test Engineer
<b>Project Description:</b> ADCAM, the front camera system which is to be mounted behind the windshield of the vehicle facing the driving direction. To detect, the vehicle is equipped with a variety of sensors continuously measuring the surroundings and providing information. This information can be used to alert the driver with critical information, to provide a driver assistance feature, to enable the vehicle to take preventive actions for the passenger's safety or build autonomous driving systems. ADCAM Low refers to the vision based automotive far field front camera system.	
<b>Environment/Technology/ Tools:</b> vTest Studio, VT Systems, PTC, Canoe, Carmaker	
<b>Responsibility:</b> <ul style="list-style-type: none"><li>▪ Test execution &amp; result analysis for detection features.</li><li>▪ Responsible for supplier interaction regarding status and query resolution on daily basis.</li></ul>	

**EDUCATION:**

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Degree/Grade(%)	School/College	University/Board	Marks	Passing
B.Tech	Aditya College of Engineering	JNTU	70 %	2017
Diploma	Nuzvid Polytechnic College	SBTET	81%	2014
High School	Sri Chaitanya Techno School	State board of Secondary Education	75%	2011

**PERSONAL DETAILS:**

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**Father Name** : Venkateswarao  
**DOB** : 18-07-1996  
**Nationality** : Indian  
**Languages Known** : English, Telugu.

**DECLARATION:**

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I hereby acknowledge that all the information furnished above is true to the best of my knowledge.

(B V Satyanarayana)