

# A BHARATH KUMAR

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## EXPERIENCE

### Software Test Engineer

#### Danlaw,

10/2019 - 10/2022 Bangalore

- Led testing efforts for the DATALOGGER project, ensuring compliance with automotive industry standards.
- Designed and executed over 200 test cases, significantly improving the detection of software defects early in the development cycle.

### Software Test Engineer

#### Capgemini Engineering

10/2022 - Present Bangalore

- Implemented automated test scripts using [Canoe tool & Python], reducing manual testing time by 30%.

## SUMMARY

- 4.7 years of experience in Automotive Datalogger and ADAS Software Verification
- Experience in entire process of Software Development & Test Lifecycle
- Experience in different communication protocols & experience in embedded hardware and software testing
- Overall responsibility for the day-to-day operations of the project like Reporting, Tracking, Risk Analysis and Team Building
- Experience in verification & validation of application Software

## EDUCATION

### SSC

#### ZP HIGH SCHOOL

2007 K.K.V PURAM

### INTERMEDIATE

#### SRI CHAITANYA JR. COLLEGE

2009 TIRUPATHI

### B. TECH (ELECTRONICS AND COMMUNICATION ENGINEERING)

#### PRIYADARSHINI INSTITUTE OF TECHNOLOGY (JNTUA)

2013 TIRUPATHI

### M. TECH (EMBEDDED SYSTEM)

#### SRI VENKATESHWARA COLLEGE OF ENGINEERING (JNTUA)

2017 TIRUPATHI

## CERTIFICATION

### ISTQB FOUNDATION LEVEL CERTIFICATION

## ACHIEVEMENTS

### ACHIVED STAR OF THE YEAR

FOR SOUPPORTING FROM OFFICE COVID-19 SITUATION AND IN TIME DELIVERY.

## SKILLS

- System Testing
- Debugging
- Designing & Execution of Testcases Protocol
- CAN, UDS
- Programming Language
- C++ (Basics)
- Python (Basics)

### Tools

- CANoe, VtestStudio, Dspace, Scanner, BusMaster, GIT, JIRA, RQM, DOORS, CanAnalyzer

## LANGUAGES

### English

Advanced

### Telugu

Proficient

## PROJECTS

### PARKING ASSISTANCE SYSTEM(RVC)

10/2019 - 02/2020 DANLAW-Bangalore

Functional Testing of the Parking Assistance System (RVC cam)

- Rear View allows the operator of the vehicle to see what is behind the vehicle.
- while in reverse and camera sends the live footage to infotainment screen

DATA\_LOGGER

- 📅 02/2020 - 10/2022 📍 DANLAW–Bangalore  
System testing, Debugging.
- ❖ Microcontroller based data logger unit designed to fetch vehicle data which is stored and processed in Data logger cloud server (WIFI, OTA, SMS, GPS, Bluetooth)

ADAS (FCM\_50 -Front Camera module)

- 📅 04/2024 - Present 📍 MAHINDRA–Chennai  
This project involves testing of ADAS functionalities (LCF, LKA, LDW, TSR&AEB)
- ❖ I have involved develop the test cases as per requirement and develop the scenarios using Scanner tool and execute the testcases.
- ❖ I have involved in wiring (ECU to BOB, Scalexio)

DASY (Driver Assistance System)

- 📅 12/2022- 04/2024 📍 BOSCH- Bangalore  
Main aim of this project to implement some safety systems to avoid road accidents.
- ❖ TJA/ICA extends the feature ACC with additional lateral control. The feature shall provide lateral lane guidance by sending the target steering angle to the Electric Power Steering (EPS) in order to control the ego vehicle lateral movement to the center of the lane.
- ❖ DCR is an emergency stop function.it stops secures the vehicle in the ego lane, with the defined system boundaries, in case the driver is not able to control the vehicle due to sudden health problem or missing attention.
- ❖ I have involved testing the TJAICA & DCR features (Testcase design and execution)

Hobbies and Interests

