




KRISHNAVENI KARUPPUSAMY


1. Nine Years of professional experience in Automotive Testing.
2. Good domain knowledge in Automotive Infotainment System and Diagnostics in Crash Sensing Module.
3. Have work experience in analyzing requirements, test case development, creating test scripts, test case review, test execution, bug verification and reporting.
4. Exposed to System Testing and setting up Test Bench Environment.
5. Experienced in handling a team and had a very good communication with clients.

PERSONAL

 **Name**
Krishnaveni K

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INTERESTS

■ Reading Books, Traveling and Gardening

LANGUAGES

English ★★★★★
Tamil ★★★★★



EDUCATION AND QUALIFICATIONS



Jun 2010 - Apr 2014

B.E - ELECTORNICS & INSTRUMENTATION

[Government College of Technology, Coimbatore](#)

I have completed my graduation in Electronics and Instrumentation Engineering with 85%



CERTIFICATION

ISTQB - Foundation Level



WORK EXPERIENCE



Jan 2019 - Present

Assistant Manager

[Stellantis, Chennai](#)

1. Leading an Infotainment validation team and directly involved in test planning, execution and monitoring.
2. Participating in Defect Triaging and weekly project meetings with managers.
3. Involving in Creation of the Test Framework on CANoe for the validation of Infotainment, IPC and SGW Modules.
4. Performing Voltage Profile Testing like Ignition off Current Drawn, Dips and Drops, Brown out and Cranking (warm and Cold Cranking)
5. Involving in requirement analysis and finding out the similar existing project for reuse.
6. Involving testcase and test script review to find out the requirement and test scope coverage.
7. Performing vehicle testing for core features and for customer reported issue reproduction.



Mar 2017 - Dec 2018

Software Engineer

[APTIV, Bangalore](#)

1. Worked on CAN and UDS(ISO-14229) Diagnostics testing of Crash Sensing System.
2. Involved in CAPL scripting, Diagnostics and Automation Testing activities.
3. Performed Transport Layer testing.
4. Involved in simulation of loops, sensors and switches using VT cards.
5. Involved in Issue reproduction and analysing root cause of issue reported by customers.
6. Experienced in issue logging & Verification.
7. Improvised the existing FTP (Functional Test Procedure) by adding new experienced based and cross functional test cases and performing peer review.

Jun 2014 - Mar 2017

System Engineer

[Tata Consultancy services, Bangalore](#)

1. Involved in Feature Functional Testing, Smoke Testing and Cross Functional Testing.
2. Experienced in setting up Car configuration Parameter for the features fitted in the vehicle.
3. Performed functional testing of vehicle interface features such as HVAC, PowerModing, Vehicle settings, Cluster, Rear view Camera and Park Aid.
4. Worked on media related features such as BT Audio, Media Player, USB, Apple devices and CD/DVD.
5. Involved in Vehicle testing for issue reproduction.
6. Experienced in Communicating with the Feature Owners and Clients for Requirement Analysis, Developing Test Cases and to fix the defects.
7. Flashed the Radios at Bench level as well as in Testing Car.
8. Experienced in Logging tools such as DLT Viewer and putty.



TESTING METHODOLOGIES

Smoke, Sanity, Regression, System, In-Vehicle testing



TOOLS

Vector CANoe, CANalyzer, DOOR, IBM change synergy, Putty, IBM Rational Clear Quest and Clear Case, EE Validation portal, GIMS (Global Issue Management), SVN



PROGRAMMING LANGUAGES

CAPL, C