

# Yamuna Kata Associate

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📍 india

## Professional summary

- Having 3+ years of experience in both manual and automation testing within the automotive domain.
- Dedicated and results-oriented Test Engineer with a solid track record in test management, defect management, and both manual and automated testing.
- Expertise in automation using Basic in Python and Robot framework.
- Strong understanding of software testing methodologies and best practices.
- Knowledge of test management tools such as JIRA.
- Having Good Knowledge with Agile development methodologies.

## Skills

Manual Testing  
Robot framework

Test Automation  
CAN

python  
Linux

## Project Experience

### Associate Engineer

Capgemini india pvt ltd

06/2023 – present

Bangalore, india

### Automation Test Engineer – Mercedes Benz R&D

- Worked on cloud connectivity for car systems, handling payloads, file uploads, and device registration/unregistration.
- Strong hardware knowledge of the test bench setup and integration with clients like UDC, CGWD.
- Proficient in communication protocols: MQTT, GRPC, and MIC for efficient data exchange.
- Developed coredump monitor scripts using Python and Shell scripting for error detection and reporting.
- Experienced in smoke testing and performance testing (CPU top, PMT) to validate system stability.
- Performed full feature testing for MR tests, ensuring end-to-end functionality.
- Familiar with Linux environments for system configurations and automation.
- developed automation scripts utilizing Robot Framework and Python to streamline testing processes and improve efficiency.

**Tools:** ET Framework, Putty, WinSCP, QFILL, FlashGui.

Telematics Update Tool (TUT), DLT log viewer.

## Verification and Validation Engineer – Mercedes Benz R&D

01/2022 – 06/2023

Bangalore, india

- Executing Functional & Non-Functional testing and verifying the performance and stability of the infotainment system using testbench.
- Test plan creation and execution, logs analysing and reporting defects.
- Validated the performance of navigation systems and executed tests across various markets, focusing on Incremental Map Updates and Map Database Management.
- Validation of Stability and Performance of Infotainment System using Automation, Performing Acceptance test, Test Execution, logs & module files analysing, Defect Mapping and retesting.

### Education

**B.Tech**

2017 – 2021

Kandula Obul Reddy Memorial Collage of Engineering

YSR Kadapa, AP.

Electrical and Electronics Engineering

### Languages

Telugu

English