

# DAIMLER

## GSP -Diagnostic Expert Engineer - Vehicle Diagonistics Validation

for Mercedes-Benz Research and Development India Private Limited

Contact

**Debasmita Singh**

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Job-ad-number

**MER0000V2L**

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Field of activity

**Research and Development incl.  
Design**

Department

**Functional Safety & Cyber  
Security**

### Tasks

#### Job Responsibilities

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- ~Build up ,Commissioning and Operation of the End2End Test benches
- ~Understanding of Requirements from Doors, Develop of test strategy and plan
- ~Develop Test cases/execute for ECU/HIL system, Mobile app, API, Web services.
- ~Handling all technical issues and ensuring on time delivery of Test requests
- ~Feasibility check for Test Automation and Service Operation
- ~Perform Flash and protocol conformance validation of control units
- ~Prepare test bench setup for ECUs Diagnostics testing
- ~Perform Test Strategy,Test Plan and test execution, test defects anlysis and report preparation
- ~Perform Automation tool scripting, verification and validation
- ~Develop Diagnostics validation framework and standard processes
- ~Work with team in helping them understand user stories, track the task progress and provide technical inputs and solutions to build a high quality product.
- ~Facilitate, monitor and coach the team on scrum practicies.
- ~Collaborate with cross functional team in removing impediments.
- ~Building a trusting and safe environment where problems can be raised without fear or blame, retribution or being judged with an emphasis on healing and problem-solving
- ~Instill a high performance culture in the team with focus on team work, service excellence and ownership for resolving customer issues.

UG [B.Tech/B.E.] (ECE,EEE) with experience,

Desirable: BE or equivalent degree/ [M.Tech/M.E.(Electrical / Electronics)]

## Skills Required

- ~ Good knowledge On-Board/Diagnostics. Testbench setup and troubleshooting
- ~ Extensive experience in HIL, ECU testing, flashing, Variant coding, experience in Vector Tools
- ~ Hands on experience on Automotive Communication protocols like CAN, LIN and Flexray
- ~ Experience in API and webservice testing using POSTMAN or SoapUI
- ~ Hands on experience with DOORS, HP ALM, JIRA, CONFLUENCE
- ~ Good knowledge of Cryptography, Public/Private key infrastructure, Network security.
- ~ Automotive experience is must
- ~ Experience in analyzing business and functional requirements
- ~ Excellent Communication, Team work and Customer Interfacing skills
- ~ Electrical /Electronics Engineering concepts, Automotive Software Engineering, Automotive Diagnostics domain knowledge
- ~ Expertise in Diagnostic, protocol and flash conformance validation of control units
- ~ Expertise with DOIP based Diagnostic validation of ECUs
- ~ Expertise with Diagnostic testing tools - Vtest Studio, Canoe, CANoe DiVa, CAN Stress , Autosar explorer, Candela Studio,
- ~ Hands-On experience with CAPL scripting, Canoe Simlutaion creation
- ~ Strong of programming knowledge languages for example JAVA, C++, C#
- ~ Should have the ability for Automated testing through scripting languages like CAPL, Python
- ~ Hands on experience in software Test Framework design, Manual testing and test automation.
- ~ Hands on Experience in JIRA Bug Tracking system or similar defect tracking tool (HP ALM, Clear case, RADAR, Dante)
- ~ Expertise in Agile based testing

## Qualifications

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Apply for this job

## Benefits

- |   |  |  |  |
|---|--|--|--|
|  Company car possible  |  Inhouse Doctor          |  Meal-Discounts      |  Coaching                          |
|  Company Retirement    |  Barrier-free workplace |  Flexitime possible |  Home Office possible             |
|  Mobile Phone possible |  Good public transport  |  Canteen-Cafeteria  |  Events for employees             |
|  Parking               |  Near-site Childcare    |  Health Benefits    |  Discounts for employees possible |
|  Internet Connection   |  |  |  |