

AD/ADAS System Test Engineer

Exclusive job

Job Information

Recruiter
NEXUS Corporation

Job ID
1581907

Industry
Automobile and Parts

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
7 million yen ~ 14 million yen

Refreshed
November 17th, 2026 14:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

- System-level verification and validation (V&V) of AD/ADAS ECUs and features across SIL/HIL and vehicle test phases
- Create and maintain test specifications and test cases from requirements and ensure traceability and coverage (e.g., DOORS)
- Set up and maintain SIL/HIL test environments (dSPACE / Vector toolchains), including rest-bus simulation and scenario configuration
- Develop and run automated regression tests using CAPL/Python and support automation in lab workflows and continuous testing
- Perform bench and vehicle tests; capture and analyze CAN/LIN/Ethernet logs and measurement data
- Perform diagnostics and flashing activities (UDS/DoIP/OBD) and validate communication and DTC behavior
- Manage defect lifecycle: report issues, support triage with development teams, verify fixes, and track closure (e.g., Jira)
- Prepare V&V reports, release evidence, and quality metrics aligned with V-model, ASPICE, and ISO 26262
- Support technical discussions with customers and present test status, risks, and results

Required skills:

- Bachelor’s degree in Engineering (Automotive / Electrical / Electronics / Computer Science or related field)
- 5+ years of experience in automotive ECU or system testing with SIL/HIL or bench testing

- Hands-on experience with Vector tools (CANoe / CANalyzer) and automotive networks and diagnostics (CAN / LIN / Ethernet, UDS / OBD)
- Experience with requirements management, defect tracking, and test reporting in customer-facing projects
- Familiarity with ASPICE and ISO 26262

Company Description