



Project Engineer – Vehicle Software Diagnostics (JLPT N2+)

Stable work load/ work-life balance

Job Information

Recruiter

Skillhouse Staffing Solutions K.K.

Job ID

1602881

Industry

Automobile and Parts

Company Type

Large Company (more than 300 employees)

Non-Japanese Ratio

About half Japanese

Job Type

Contract

Location

Kanagawa Prefecture

Salary

Negotiable, based on experience ~ 7 million yen

Work Hours

8:00-17:00 / 9:00-18:00-No Core Time, flexible working hours

Holidays

Saturday, Sunday, and National Holidays, etc

Refreshed

July 31st, 2026 00:00

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

A Global Manufacturer in the automotive sector is looking for a highly experienced **Project Engineer – Vehicle Software Diagnostics** to support vehicle diagnostics development, ECU change management, and diagnostics content deployment for commercial vehicles.

In this role, you will support the development, validation, and release of vehicle diagnostics for new vehicle programs, software updates, and engineering changes. Working closely with R&D, Project Management, and Quality teams, you will coordinate diagnostics development throughout the vehicle lifecycle, with a focus on ECU changes, diagnostics content, and software releases.

Responsibilities:

- Analyze ECU hardware and software changes to determine diagnostic impacts
- Develop and maintain vehicle diagnostics content using industry-standard formats such as CXF and ODX
- Prepare diagnostic specification sheets and supporting technical documentation
- Support diagnostics validation and ensure readiness for production releases
- Manage diagnostics content throughout the vehicle software lifecycle, including new models, software upgrades, and field fixes
- Coordinate with Project Management, R&D, Quality Management, and other stakeholders to plan diagnostics development activities
- Track new vehicle projects, model updates, software releases, and engineering changes
- Manage diagnostics deliverables to ensure alignment with overall vehicle development schedules
- Plan diagnostic validation activities and vehicle availability for testing
- Support release planning and deployment of diagnostic content for after-sales operations
- Coordinate change management activities related to ECU software and diagnostics updates
- Manage diagnostics content releases and version control
- Prepare diagnostic procedures, service documentation, and user manuals
- Support after-sales diagnostics by ensuring accurate and up-to-date diagnostic information is available for service organizations
- Work closely with engineering teams to resolve diagnostic issues identified during development and field operations
- Prepare monthly dashboards, KPIs, and MIS reports for management
- Monitor project progress and report risks, issues, and schedule status
- Identify opportunities to improve diagnostics development processes and operational efficiency
- Drive initiatives focused on cost optimization and continuous improvement

Why you should apply:

- Work on a large-scale enterprise IT transformation program.
- Design and build next-generation enterprise network architecture.
- Collaborate with global IT teams and international stakeholders.
- Enjoy a stable work environment with strong work-life balance.
- Opportunity to further develop both English and Japanese language skills in an international workplace.

Company Details:

A large global automobile manufacturer based in Germany. This company is Japan's leading brand, known for its high customer satisfaction performance.

Working Hours: 8:00-17:00 / 9:00-18:00-No Core Time, flexible working hours

Working Style: 5 days' work in office

Holidays: Saturday, Sunday, National Holidays, Year-end and New Year Holidays, Paid Holidays

Services/Benefits: Transportation expenses, plus Paid leave, plus social insurance (health insurance, welfare pension, and work-related accident insurance), Periodic health examination, and Employment insurance

Required Skills

- 3+ years of experience in automotive diagnostics, vehicle electronics, ECU development, or automotive project engineering
- Good understanding of ECU architecture and vehicle communication protocols (CAN, LIN, FlexRay, Automotive Ethernet)
- Experience with automotive diagnostics standards such as ODX, CXF, UDS, or ISO 14229
- Experience supporting vehicle software releases, diagnostics development, or engineering change management
- Experience coordinating crossfunctional engineering projects and working with multiple stakeholders

Company Description