



Embedded Software Engineer

Job Information

Recruiter

JAC International Co., Ltd.

Hiring Company

Global Automotive Company

Job ID

1617152

Industry

Other

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

4 million yen ~ 7 million yen

Refreshed

October 15th, 2026 15:16

General Requirements

Minimum Experience Level

Over 3 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

Position Overview

This position is responsible for embedded software development for mass-production ECUs across domains such as Autonomous Driving/ADAS, Body Electronics, and Security Gateway systems. Based on specifications provided by internal advanced development and system design teams, the engineer will develop robust and production-ready software for global vehicle deployment. Within the R&D organization, this role serves as a critical bridge between upstream system definition and downstream production software implementation.

Key Responsibilities

Design and develop production-level embedded software based on system requirements

Execute the full software development lifecycle:

- Requirement analysis
- Architecture design
- Module design
- Implementation (coding)

- Testing and validation

Integrate functional safety mechanisms into software design

Manage software configuration and version control

Establish and operate CI/CD pipelines for release management

Manage offshore subcontractors and external vendors

Collaborate with internal stakeholders including system teams and global development sites

Employee Benefits:

- Attractive salary
- Commutation allowance
- All social insurances covered
- Salary review yearly
- Hybrid working style

Required Skills

Must Have

3+ years of hands-on programming experience (C, C++, Java, Python, etc.)

Experience creating software design documents and test specifications

Automotive industry experience: Not required

English: TOEIC 600+ (or equivalent)

Nice to Have

Development leader / sub-leader experience

Automotive embedded software or ECU development experience

Model-Based Development (MATLAB/Simulink)

Agile development and CI/CD implementation experience

Multi-core embedded architecture design experience

Experience with AUTOSAR, QNX, or similar platforms

English: TOEIC 730+ (or equivalent)

Company Description

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