

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
November 12th, 2026 01:00

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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