

ECU / ADAS Software Architect

Job Information

Recruiter
NEXUS Corporation

Job ID
1605676

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
7 million yen ~ 12 million yen

Refreshed
November 24th, 2026 21:00

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

Job Responsibilities

- Design and lead scalable software architectures for ADAS ECUs
- Define AUTOSAR Classic and Adaptive layered architecture and integrations
- Optimize SoC/MPU resource utilization and system performance
- Ensure compliance with ISO 26262 safety and ISO 21434 cybersecurity
- Translate customer requirements into software specifications and module design
- Collaborate with HW/BSW teams and manage system integration
- Support CI/CD pipelines and ensure ASPICE-aligned development
- Conduct feasibility studies and technical risk assessments

Required Skills / Minimum Qualifications

- 7+ years in automotive embedded software with ECU/ADAS architecture experience
- Strong expertise in AUTOSAR Classic and Adaptive
- Experience with SoC/MPU resource optimization and integration
- Experience translating system requirements into software design
- Advanced business-level Japanese and English

- English for communication with the offshore team and Japanese for communication with customers

Preferred Skills / Preferred Qualifications

- ASPICE exposure preferred
- Hands-on experience in safety ISO 26262 and cybersecurity ISO 21434 design
- Familiarity with CI/CD pipelines and automated testing environments
- Strong HW–SW co-design and low-level system knowledge
- Experience in technical risk assessment and trade-off analysis

Company Description