ADAS System Engineer

Job Information

Recruiter
Izumi Network Yugen Kaisha

Job ID
1615904

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Saitama Prefecture

Salary
8.5 million yen ~ 9 million yen

Refreshed
November 13th, 2026 07:00

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

Responsibilities:

- Own and manage ADAS functions and system components throughout the product development lifecycle.
- Lead system engineering activities for ADAS features, including requirements definition, system architecture, integration, verification, and validation.
- Drive Functional Safety (ISO 26262) activities
- Define, review, and align functional and system requirements with suppliers.
- Coordinate software and hardware development schedules, milestones, and deliverables to ensure timely project execution.
- Collaborate with Functional Safety, Cybersecurity, Software, Hardware, Validation, Quality, and Program Management teams.
- Support the implementation and compliance of automotive cybersecurity requirements for ADAS systems.
- Participate in cross-functional technical discussions, design reviews, issue resolution, and risk management activities.
- Ensure technical solutions meet customer, regulatory, quality, safety, and cybersecurity requirements.

Required Skills

Qualifications

Required

- 5+ years of experience in **ADAS**, automotive systems engineering, embedded systems, or **ECU** development.
- Strong understanding of Systems Engineering processes and **V-model** development methodology.

- Hands-on experience with Functional Safety (**ISO 26262**).
- Knowledge of **HARA**, Safety Goals, Functional Safety Requirements, **FMEA**, and other safety analysis methods.
- Familiarity with automotive Cybersecurity concepts and standards, such as **ISO/SAE 21434**.
- Experience working with suppliers and managing technical requirements.
- Strong analytical, problem-solving, and communication skills.
- Ability to work effectively in a cross-functional and global environment.
- Business-level English proficiency.
- Basic Japanese language proficiency (**JLPT N4 or above**).

Preferred

- Experience with requirements management tools such as DOORS, Polarion, or equivalent.
- Experience working in OEM or Tier-1 automotive environments.
- Knowledge of automotive communication protocols such as CAN, LIN, and Ethernet.
- Previous experience as a Function Owner, System Owner, or Technical Lead for ADAS programs.

Company Description