System architect (S)

Job Information

Recruiter
Izumi Network Yugen Kaisha

Job ID
1616665

Industry
Electronics, Semiconductor

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
10 million yen ~ 15 million yen

Refreshed
October 23rd, 2026 00:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Fluent Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

- Analyze stakeholders, customer, and system requirements.
- Define logical, technical, and physical system architecture for Telematics Control Unit (TCU) products.
- Perform functional analysis, requirement decomposition, and system scope definition.
- Define system interfaces and derive system element requirements.
- Support technical risk assessment, problem analysis, and cross-functional design reviews.
- Collaborate with software, hardware, mechanical, test, safety, cybersecurity, and project teams.
- Support verification planning and system integration activities.
- Participate in architecture governance and stakeholder management across global teams

Required Skills

Skill:

- Strong written and spoken communication skills in Japanese and English.
- Total 10+ years experience, Bachelor’s or master’s degree in engineering
- Min 5 years of experience as a Senior Systems Design Engineer
- Min 3 years of project experience in the Automotive domains.
- Min 1 year of technical leadership experience in projects, working groups, or technical teams.
- Experience working in an international environment with cross-functional and multicultural teams.

Technical knowledge

- System Requirements Engineering.
- Requirements Elicitation and Analysis.
- System Architecture and Design Definition.
- Logical, Physical, and Technical System Architecture.
- Functional Analysis and System Modeling.
- System Interface Definition and Management.
- System Integration.

Company Description