
System architect

Job Information

Recruiter[Izumi Network Yugen Kaisha](#)

Job ID1616665

IndustryElectronics, Semiconductor

Job TypePermanent Full-time

LocationKanagawa Prefecture

Salary10 million yen ~ 15 million yen

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General Requirements

Minimum Experience LevelOver 6 years

Career LevelMid Career

Minimum English LevelBusiness Level

Minimum Japanese LevelFluent

Minimum Education LevelBachelor's Degree

Visa StatusPermission 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
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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.
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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