

Bilingual System Engineer

Job Information

Recruiter[Izumi Network Yugen Kaisha](#)**Job ID**

1605266

Industry

Electronics, Semiconductor

Job Type

Permanent Full-time

Location

Kanagawa Prefecture, Atsugi-shi

Salary

7 million yen ~ 8 million yen

Refreshed

August 13th, 2026 00:00

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

Bilingual System Engineer

JOB DESCRIPTION**ROLE AND RESPONSIBILITIES**

- Correctly understand the customer's requirements through drawings and meetings.
- Also correctly understand the structure of the current software and the requirements from the production side.
- With this correct understanding, we design the system architecture.
- As you proceed with the system design, you will resolve any inconsistencies and coordinate with the customer if any issues arise.
- Consider whether the system is structured and free of contradictions.

Required Skills

SKILLS REQUIRED

- Meetings with customers will be conducted in Japanese, and customer specifications will also be released in Japanese, must be able to understand them
- Ability to understand hardware communication interfaces (SPI, I2C, UART, etc.)
- Ability to read the settings and procedures required for control from data sheets
- Ability to negotiate with manufacturers and extract the information required for QA, etc.
- Ability to operate the product and acquire waveforms and data for software confirm
- Ability to design using FMEA, DRBFM, FTA, etc.
- Ability to create documents for customer DR processes, explain them, undergo reviews, and proceed to DR approval on one's own.
- Knowledge of Japanese car manufacturers
- Knowledge of BCM, remote controls, transmitters, LF antennas, immobilizers
- Ability to mediate between departments with differing opinions
- Ability to summarize concerns and progress regarding one's own work and report them correctly
- To know about encryption types and methods.
- To often check and calculate bit data, have knowledge of that.
- To know what CPU, RAM, ROM, Flash, EEPROM, etc. are and what they are used for.
- Automotive technical, environmental and homologation standards
- Functional Safety standard and design rules (e.g. ISO 26262)

QUALIFICATIONS AND EDUCATIONAL REQUIREMENTS

- Bachelor's or Master's degree in Electrical/Electronics engineering, Computer Science, or a related field from reputed Institution / University

EXPERIENCE BAND

- 8-12 years of experience

JLPT N3 or above

Company Description