
Japanese Bilingual System Engineer

Job Information

Recruiter[Izumi Network Yugen Kaisha](#)

Job ID1610089

IndustryAutomobile and Parts

Job TypePermanent Full-time

LocationTochigi Prefecture, Sano-shi

Salary4.5 million yen ~ 5.5 million yen

RefreshedSeptember 2nd, 2026 13:51

General Requirements

Minimum Experience LevelOver 3 years

Career LevelMid Career

Minimum English LevelBusiness Level

Minimum Japanese LevelBusiness Level

Minimum Education LevelBachelor's Degree

Visa StatusPermission to work in Japan required

Job Description

Experience, Qualifications and skills Needed:

- Bachelor's/master's in electrical engineering, or related field.
 - Experience of 3 to 4 years in **Battery Management Systems (BMS)**, High Voltage test benches, and Power electronics validation.
 - Strong understanding of **BMS system architecture**, and software validation.
 - Proficiency in Japanese (**JLPT N3 or higher**) and English (business level).
 - Hands-on experience with **HV HIL setups** and real-time test environments.
 - Experience on BMS architecture validation, ensuring seamless integration of hardware and software.
 - Experience on Overall Battery Management System features, **cell balancing**, **SOC/SOH** estimation, and contactor control.
 - Collaborate with Japanese OEMs and Tier-1 suppliers to define and develop BMS system requirements.
 - Proficiency in C Programming, Vector CAN Tools.
 - Expertise in CAN communication, diagnostics, and fault analysis.
 - Experience in developing automated test frameworks for embedded systems.
 - Strong analytical, debugging, and documentation skills.
 - Experience in SW Debugging and Usage of Emulators and Debuggers.
 - Ensure compliance with automotive standards such as ISO 26262, AUTOSAR, and ASPICE.
 - Support project management activities including schedule tracking, reporting, and client communication.
 - Work closely with cross-functional teams including hardware, software, and validation engineers.
 - Translate technical documents and specifications between Japanese and English.
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Company Description