

Radar & Ultrasonic Specialist (ADAS)

Job Information

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

1610086

Industry

Automobile and Parts

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7 million yen ~ 8 million yen

Refreshed

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General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Daily Conversation

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Role Overview development

Seeking an experienced **Radar & Ultrasonic Specialist** to support the development, integration, validation, and deployment of ADAS features for automotive customers in Japan. The candidate will serve as a subject matter expert for radar and ultrasonic sensing technologies and support customer deployment activities.

Key Responsibilities

- Support integration and validation of **77-79 GHz Automotive Radar** and Ultrasonic Sensors.
- Analyze **Radar Physics**, Radio Wave Propagation, RF Interference, and Sensor Performance.
- Conduct vehicle-level testing, calibration, debugging, and issue investigation.
- Support ADAS functions including:
 - Adaptive Cruise Control (ACC)
 - Autonomous Emergency Braking (AEB)
 - Lane Keep Assist (LKA)
 - Lane Departure Warning (LDW)
 - Blind Spot Detection (BSD)
 - Automated Parking Assist (APA)
- Perform root cause analysis and resolve sensor-related system issues.
- Ensure compliance with automotive radar regulations and standards.
- Work directly with OEM customers during development, validation, and deployment phases.

Required Skills

Technical

- Strong understanding of:
 - Radar Physics
 - Electromagnetic Waves / Radio Waves
 - FMCW Radar
 - Doppler Principle
 - RF Interference & Mitigation
 - Signal Propagation
- Experience with:
 - 77 GHz / 79 GHz Automotive Radar
 - Ultrasonic Sensors
 - ADAS Systems
 - Vehicle Testing & Validation

Tools & Standards

- CANoe / CANalyzer
- MATLAB / Simulink
- Vector Tools
- ASPICE
- ISO 26262
- SOTIF (Preferred)

Experience & Education

- Bachelor's/Master's Degree in Electronics, Electrical, Automotive, Telecommunications, Physics, or related field.
- 5+ years of experience in Automotive ADAS/Radar/Ultrasonic development.
- Experience supporting OEM customer projects is preferred.

Language

- Business English (Mandatory)
- Japanese (JLPT N4/N3) is added advantage

Work Location

- Japan (Customer Onsite)
- Customer-facing role with deployment and validation support activities.

Company Description