

Video Pipeline & Vision Systems Engineer – ADAS (A)

Job Information

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

1612991

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

7.5 million yen ~ 8 million yen

Refreshed

September 30th, 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

No permission to work in Japan required

Job Description

Role Overview:

We are looking for an experienced **Video Pipeline & Vision Systems Engineer** to support the development, validation, and deployment of camera-based **ADAS solutions** for automotive customers in Japan.

The role focuses on **video processing, image quality optimization, camera systems, image stabilization, optics, and camera performance**, with significant involvement in customer integration, validation, and deployment activities.

Key Responsibilities:

Develop and optimize **camera video processing pipelines** for ADAS applications.

Work on **image quality tuning, image stabilization, lens distortion correction, HDR, exposure, white balance, and low-light performance**.

Perform **camera calibration, validation, debugging, and root cause analysis**.

Support camera-based ADAS features including:

Support vehicle-level **camera integration and validation**.

Work directly with automotive OEM customers during **integration, testing, troubleshooting, and deployment**.

Collaborate with cross-functional engineering teams to identify and resolve camera and video-processing issues.

Education & Experience:

Bachelor's or Master's degree in **Electronics, Computer Science, Image Processing, Optics, Automotive Engineering** , or a related field.

5+ years of experience in Automotive Camera, Vision Systems, ADAS, or related development.

Experience in **camera tuning, image quality, video processing, camera calibration, and vehicle validation** .

Experience working with automotive OEMs or customer-facing engineering teams is preferred.

Company Description