

# CYIENT

## Camera Image Quality Evaluation Software Developer

### Job Information

**Hiring Company**[Cyient K.K.](#)**Job ID**

1490429

**Industry**

Automobile and Parts

**Job Type**

Permanent Full-time

**Location**

Kanagawa Prefecture

**Salary**

Negotiable, based on experience

**Refreshed**

December 24th, 2024 11:00

### General Requirements

**Minimum Experience Level**

Over 6 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level

**Minimum Japanese Level**

Business Level

N2 and above

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

Permission to work in Japan required

### Job Description

**Position:** Camera Image Quality Evaluation Software Developer**Location:** Totsuka**Language:** N2 and above**Job Description:****Responsibilities**

- Develop and maintain software applications for evaluating camera image quality metrics (e.g., sharpness, noise, color accuracy) using Linux C/C++
- Collaborate with hardware engineers to understand camera functionalities and capabilities
- Conduct research and independently define technical specifications and detailed design documents
- Work with camera ISP (Image Signal Processor) to control and configure image acquisition settings
- Debug and troubleshoot software issues using embedded development boards
- Create comprehensive verification lists and test plans to ensure software functionality

## Required Skills

### Qualifications:

- Bachelor's degree in Computer Science, Electronics, or a related
- Minimum 5+ years of experience in embedded systems development using Linux C/C++
- Strong understanding of image processing principles and algorithms
- Experience with camera hardware and ISP control is a plus
- Proven ability to research, analyse technical specifications, and work independently
- Excellent problem-solving and analytical skills
- Experience in creating functional specifications and detailed design documents
- Experience debugging software using embedded development boards
- Experience with creating verification lists and test plans

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## Company Description