


# Embedded Software Engineer

## Job Information

**Recruiter**
JAC International Co., Ltd.

**Hiring Company**
Pioneering Edge AI and Next-Generation Semiconductor Innovation

**Job ID**
1619583

**Industry**
Other

**Job Type**
Permanent Full-time

**Location**
Tokyo - 23 Wards

**Salary**
8 million yen ~ Negotiable, based on experience

**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**
Business Level

**Minimum Education Level**
Bachelor's Degree

**Visa Status**
Permission to work in Japan required

## Job Description

As an Embedded Software Engineer, you will develop software and firmware for cutting-edge Edge AI platforms and intelligent semiconductor solutions.

Working closely with hardware, AI, and system engineering teams, you will contribute to the design, development, debugging, and optimization of embedded software for next-generation AI processors and edge computing devices.

■Key Responsibilities
-Design, develop, and maintain embedded software and firmware for Edge AI platforms.
-Develop software for MCU, RTOS, and embedded system environments.
-Collaborate with hardware and AI engineering teams to optimize system performance.
-Debug software and hardware issues and support system integration activities.
-Develop and optimize real-time embedded applications.
-Support validation, testing, and deployment of embedded software solutions.
-Contribute to next-generation AI and edge computing product development.

Employee Benefits:
-Competitive compensation package
-Performance-based bonus program
-Annual salary review
-Permanent employment
-Full remote work option available
-Comprehensive social insurance coverage
-Opportunity to work on cutting-edge AI semiconductor and edge computing technologies
-International and collaborative working environment
-Professional development and continuous learning opportunities
-Career growth opportunities within a rapidly growing deep-tech organization
-Exposure to advanced AI, semiconductor, robotics, aerospace, and industrial automation projects
-Smoke-free workplace
-Overtime typically ranging from approximately 0?20 hours per month

## Required Skills

-Bachelor's degree in Computer Science, Engineering, or a related field.
-6?8 years of software engineering or embedded software development experience.
-Strong programming skills in C and/or C++.
-Extensive experience with bare-metal and FreeRTOS development.
-Experience with IDEs such as E2 Studio or STM32CubeIDE.
-Experience working with ARM, Renesas, STM, or similar MCU platforms.
-Experience with Edge AI accelerators, GPUs, or embedded hardware platforms.
-Strong firmware and hardware debugging capabilities.
-Ability to read and understand hardware schematics.
-Strong communication skills and ability to work independently in a fast-paced environment.

## Company Description

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