



PR/119434 | Embedded Software Engineer (Linux)

Job Information

Recruiter

JAC Recruitment Thailand

Job ID

1586593

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

May 12th, 2026 12:01

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Daily Conversation

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Location: Chiang Mai, Thailand

Role Summary

Our partner client is seeking an Embedded Linux Engineer to develop, customize, and support Linux-based embedded platforms. This role covers the full development lifecycle, from board bring-up and BSP development to system optimization and production support, working closely with hardware and software teams.

Key Responsibilities

- Develop and maintain Embedded Linux solutions, including kernel modules, device drivers, and user-space applications
- Create and manage Board Support Packages (BSPs), covering bootloaders, kernel configuration, device trees, and root file systems

- Support new hardware bring-up and collaborate with hardware engineers to debug and resolve integration issues
- Optimize system performance, memory usage, boot time, and power consumption
- Troubleshoot complex technical issues across the Embedded Linux stack
- Prepare and maintain technical documentation and support cross-functional development activities

Requirements

- Bachelor's or Master's degree in Computer Science, Engineering, or related field
- 3+ years of experience in Embedded Linux development
- Strong C and/or C++ programming skills
- Solid understanding of the Linux kernel, drivers, and system architecture
- Experience with embedded Linux build systems.
- Familiarity with hardware interfaces (SPI, UART, I2C, USB, Ethernet)
- Proficient in Git-based version control workflows
- Able to read schematics and produce clear technical documentation in English
- Able to communicate in English

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Company Description