Technical Lead – Embedded Networking | Linux | C

Job Information

Recruiter
Hi-Tech Japan K.K.

Job ID
1582142

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
7 million yen ~ Negotiable, based on experience

Refreshed
June 4th, 2026 04:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Daily Conversation

Minimum Japanese Level
Fluent

Minimum Education Level
Technical/Vocational College

Visa Status
Permission to work in Japan required

Job Description

About the Role

We are seeking a highly skilled Technical Lead specializing in Embedded Networking, Linux, and C programming to guide technical direction across complex projects.

In this role, you will provide technical leadership, drive the adoption of best practices, mentor development teams, and ensure the delivery of high-quality embedded solutions. You will play a critical role in architecture design, risk management, and solution implementation while fostering a culture of technical excellence.

This position is ideal for someone with hands-on embedded systems experience, strong Linux skills, and a passion for leading engineering teams in innovative networking solutions.

Key Responsibilities

Technical Leadership & Guidance

- Define and implement best practices, coding standards, and architecture guidelines for embedded networking

projects.

- Provide technical solutions and strategic guidance to ensure high-quality deliverables.

Team Mentorship & Capability Building

- Mentor and coach team members in embedded networking, Linux, and C programming.

- Enhance team productivity through knowledge sharing and hands-on technical support.

Solution Design & Risk Management

- Participate in technical discussions, feasibility studies, and architecture reviews.

- Evaluate technical alternatives, assess risks, and recommend the most effective solutions.

Project Execution & Reporting

- Prepare status reports and technical documentation to manage risks and ensure project success.

- Manage escalations and ensure timely resolution of technical challenges.

Required Skills

Required Skills & Experience

- Strong knowledge of embedded networking principles and protocols

- Proficiency in Linux operating systems and C programming

- Experience in system design, architecture, and component-level analysis

- Strong analytical, problem-solving, and risk assessment skills

- Excellent communication and stakeholder management skills

Embedded Networking • Linux • C Programming • Embedded Systems • Network Protocols • System Architecture • Technical Lead • Mentorship • Risk Management • Code Standards • Firmware Development • IoT / Networking Solutions

Company Description