

Job Detail

Senior Level

Position Title	The international company leading provider of microcontroller and IP solution
Recruiter Company	Cornerstone Recruitment Japan K.K.
Company Name	Company name is private
Activated / Updated	2024-03-06 / 2024-03-07
Job Type	Electronics (Appliance/Semiconductor) - Production Engineering Electronics (Appliance/Semiconductor) - Other
Industry	
Location	Asia Japan Tokyo
Job Description	<p>【JOB RESPONSIBILITIES】</p> <ul style="list-style-type: none"> • Be an authority in ethernet networking, able to advise and implement ideas to the clients • Proactively develop additional technical skills and knowledge • Utilize engineering design skills, techniques and knowledge to decrease client development time and reduce the system coast • Provide hardware, firmware, and middleware and develop tool support for the clients • Identify the key client stakeholders and coach the stakeholders to build a consensus solution • Work close with the global team and develop sales strategies across clients' divisions
Company Info	<p>【COMPANY OVERVIEW】</p> <p>The international company leading provider of microcontroller and IP solution which offers outstanding technical support</p>
Qualifications	<p>【REQUIREMENTS】</p> <ul style="list-style-type: none"> • Electronic Design – Creative design capability, architectural organization of hardware, firmware and software to meet system specifications, schematic/simulation/layout, Test and debug skills (using oscilloscope, logic analyzer, multimeter, etc) • Basic protocols - I2C, SPI, UART • Advanced protocols – Ethernet (Preferable TCP/IP (OSI Layer), CAN, LIN, AVB/TSN) • An experience of Ethernet system architecture (especially software implementation on Linux/Android/Windows_CE) is preferable • Knowledge of embedded and/or hardware security (e.g. familiarity with TPMs, secure boot, ARM TrustZone, etc.) • An understanding of common cryptographic algorithms (e.g. AES, 3DES, RSA, ECC, etc.) is preferable • Microcontroller fundamentals – Algorithm development using C, C++, architecture, interrupt processing, registers, assembly code • Microcontroller fundamentals - ADC, DAC, Timers, PWM, DMA, watchdog • An experience of working with Industry and Medical Networking Suppliers • An experience of working with Automotive OEMS and/or Tier Suppliers is preferable. • Has Bachelor's degree in an engineering discipline • Basic English skill • Capability to understand semiconductors' datasheets and soldering
English Level	Business Conversation Level (TOEIC 735-860)
Japanese Level	Native Level
Salary	Depends on experience