



PTP Tech Lead (FIPS/JITC)

Bengaluru, India

Cambium Networks

Department Description

Cambium Networks develops Point to Multipoint and Point To Point RF solutions in both unlicensed and licensed bands. Customers include tier 2 and 3 telephony operators, wireless internet service providers, enterprises such as utilities, and federal, state, and local governments. Point to Multipoint technologies includes both proprietary Canopy and standards-based protocols.

Scope of Responsibilities/Expectations

A Senior Software Engineer/Technical lead will be part of a world-class, highly motivated, highly skilled team of Linux Embedded system engineers who are committed to deliver carrier grade wireless equipment to customers in various verticals starting from WISP to Federal Governments. Candidate should be a firm believer of Cambiums mission, **Connecting the Un-Connected and Under-Connected.**

The candidate should have 12+ years of experience in Linux Embedded system development and managing such a team. He/She should have the ability to

- Independently design, develop and deliver a software feature.
- Lead a team of engineers to deliver software features.
- Track project status and report it to upper management.
- Coach and mentor team mates and groom them to reach their goals.
- Support pre and post sales activities.

Keep a tab on the developments in the technology and industry Cambium is in.

Knowledge/Skills/Qualifications

- Proficiency in C, C++
- Highly proficient in IP protocols and networking (eg, L2, IPv4 and v6, TCP/UDP, ICMP, DHCP, NAT, DNS, PPPoE)
- Strong analytical, problem solving and creative abilities is required.
- Experience of developing drivers, and integrating hardware, firmware and software on various RTOS.
- Experience with embedded CPUs, DSPs, drivers for FLASH, NVRAM, Ethernet.
- Experience with embedded device drivers and lab debug equipment.
- Experience with web and network management technologies, a plus
- Experience with RADIUS authentication, secure protocols, a plus
- FPGA design experience, a plus
- Experience with configuration management and bug tracking systems
- Excellent communication skills
- Experience working both independently and in a team-oriented, collaborative environment is essential.
- LAN/WAN telecommunications knowledge and experience are a plus.
- A background of RF experience is a plus.

Desired:

- Experience with security technologies and concepts such as PKI, SSL, cryptographic algorithms and hash functions, etc a plus
- Experience with FIPS 140-2 validation.

Experience with Joint Interoperability Test Command (JITC) testing, evaluation and certification.