WLAN Technical Lead

Department Description:

Cambium Networks develops Point to Multipoint, Point-To-Point RF and WLAN Access solutions in both unlicensed and licensed bands. Cambium Networks has an extensive portfolio of reliable, scalable and secure Wi-Fi, fixed wireless broadband point-to-point (PTP) and point-to-multipoint (PMP) platforms; managed by cloud-based software. C
The Bangalore engineering department is a major R&D center for software, hardware, RF, and test, with customer support, production support, finance and HR on-site. Located in the Silicon Valley of India, the team is best placed to offer engineering expertise to product development globally.

Scope of Responsibilities/Expectations

As WLAN Technical Lead, you will be part of a world-class, highly motivated, highly skilled team of Linux Embedded system and Wi-Fi engineers who are committed to deliver scalable and reliable wireless equipment to customers in various verticals starting from ISPs to Enterprises to Federal Governments. Candidate should be a firm believer of Cambiums mission, **Connecting the Un-Connected and Under-Connected**.

- Design, development, document and maintenance of software for high-speed wireless IP Products.
- Timely production of well-architected, robust, unit tested, commercial quality deliverables.
- Interact and coordinate with members of other engineering and production teams.
- Assist with and occasionally drive the diagnosis and resolution of customer problems.
- Organize and work in project teams developing software for Cambium Networks products and radio features, including drivers and embedded features, integrating third-party packages, non-embedded support and test automation applications.
- Should have 5-8 years of experience.

Specific Knowledge/Skills

- Strong development skills in **C, Data Structures & Algorithms**
- Respect towards **code quality, test driven development** & ability to produce quality code for commercial products
- Strong understanding of **Linux OS concepts** and experience of developing Linux system software
- Exposure *to event driven* software design & development
- Good understanding of **wired and wireless networking** protocols.
- Experience of developing **portable software** for multiple products & multiple platforms
- Experienced and proficient with the **full software development lifecycle**: requirements analysis, design, coding & reviewing, contributing to test plans, testing and fault diagnosing, fixing and support of product releases
- The candidate must be team-focused and highly self-motivated with a desire to explore new approaches and technology in a fast-paced software development group

Desirable:
- Experience with 802.11 protocol universe
- Systems thinking
- Experience of working with OpenWrt or Buildroot, board bring up, device drivers
- Knowledge of Shell scripting, Makefile , Go or Python.