Senior Software Engineer

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.
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 a Senior Software Engineer, you will be part of a world-class, highly motivated, highly skilled team of Linux Embedded system engineers who are committed to deliver scalable and reliable security gateway products to customers in various verticals starting from ISPs to Small Business. Candidate should be a firm believer of Cambiums mission, **Connecting the Un-Connected and Under-Connected**.
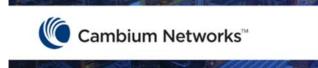
- Design, development, document and maintenance of software for Security Gateway Products.
- Timely production of well-architected, robust, unit tested, commercial quality deliverables.
- Interact and coordinate with members of other engineering and production teams.
- Assist with and occasionally drive the diagnosis and resolution of customer problems.
- Organize and work in project teams developing software for Cambium Networks products and Security features, including drivers and embedded features, integrating third-party packages, non-embedded support and test automation applications.
- Drive, participate and contribute to all phases of the software development lifecycle, from gathering and defining requirements, high-level and detailed design, coding and implementation, through to unit and integration testing.
- Should have 5-10 years of experience.

Specific Knowledge/Skills

- Strong development skills in *C, Data Structures & Algorithms*
- Strong problem solving skills and debugging the failures to root cause
- Experience in programming multi-threaded applications on Linux Operating System
- Strong understanding of *Linux OS concepts* and experience developing Linux system software
- Solid *networking (TCP/IP, Switching and Routing) knowledge* is a requirement.
- 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:
- Passionate about Network security domain and have solid understanding of application security, IDS/IPS and L4-L7 protocols
- Exposure *to event driven* software design & development
- Experience working with OpenWrt or Buildroot

- Knowledge of Shell scripting, Makefile , Go or Python.