Department Description

Cambium Networks is a leading global provider of wireless broadband solutions that connect the unconnected – People, Places and Things, from 2 meters to 245 kilometers.

Cambium Networks has an extensive portfolio of reliable, scalable and secure Fixed Wireless Broadband point-to-point (PTP), point-to-multipoint (PMP) , WiFi and 60 GHz cnWave platforms; managed by cloud-based NMS software. Cambium Networks makes it possible for service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety networks to build powerful communications networks, and intelligently manage their infrastructure.

Headquartered in Rolling Meadows, IL, outside Chicago, with R&D centers in the USA; Ashburton, UK; Bangalore, India; and Kiev, Ukraine.

The Bangalore engineering department includes software, FPGA, test, and RF and antenna development.

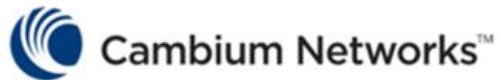## Scope of Responsibilities & Position Expectations

Will be working on Cambium's 60 GHz cnWave.
BSP activities including Board bring up and device drivers development.
Participate in design review and code reviews, with the goal of continuous improvement in product quality.

Knowledge/ Skill Requirement

- Highly proficient in C and embedded Linux development, with 8 to 12 years of experience
- Experience with Ethernet drivers and sfp phy drivers
- Experience in complete bring up of ARM64 architecture-based platforms
- Strong knowledge of customizing uboot / bootloader
- Experience / knowledge of HW bus protocols like PCIe bus, SPI, I2C
- Strong knowledge of flash memory drivers (NOR/NAND) and file systems like YAFFS, UBIFS
- Expertise in debugging/trouble shooting linux kernel
- Scripting knowledge in shell / python
- Knowledge in multi thread, multi process architectures is a plus
- Exposure to NXP layerscape platforms is a plus
- Experience in yocto build system is a plus
- Strong foundation in software engineering best practices
- Practice secure and defensive coding, create maintainable and easy to troubleshoot code
- Strong analytical and problem solving skills
- Excellent verbal and written communication skills
- Experience working in a multi-site, multi-national development team
- Candidate must be highly self-motivated with a desire to produce world class innovation to meet connectivity needs for the future

- Flexibility and being able to adjust to a rapidly changing environment.

Key Qualifications:

- BS or MS in either Electrical Engineering, Computer Engineering or Computer Science
- Minimum 8 years of industry experience developing real-world products or systems
- Willingness / ability to travel occasionally for customer visits, road shows and seminars
- Self-motivated personality and ability to work independently as well as on a team
- Ability to multi-task between two or more projects and perform these tasks with velocity