



Specialization

JOB DESCRIPTION FORM

Department Description
<p>Cambium Networks is a leading global provider of wireless broadband solutions that connect the unconnected, with an extensive portfolio of reliable, scalable and secure point-to-point (PTP) and point-to-multipoint (PMP) products for all service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety networks to build powerful, easily sustainable communications networks.</p> <p>The Bangalore R&D center is primarily responsible for the development and production support of PMP and PTP radios, and runs concurrent development projects across the product range, whilst supporting the engineering activities in the other R&D centers in Chicago, USA, and Ashburton, UK.</p>
Scope of Responsibilities & Position Expectations
<p>This job will involve some or all of the following tasks for new and existing products.</p> <ul style="list-style-type: none"> • Responsible for contributions in all phases of product development lifecycle from conception through implementation of features, integration and test. • Interact and coordinate with members of other engineering and production teams. • Assist with the diagnosis and resolution of customer problems.
Specific Knowledge/Skills
<p><u>Required (Technical):</u></p> <ul style="list-style-type: none"> • Experience with design and analysis of static microwave wireless systems including: <ul style="list-style-type: none"> ○ MAC ○ PHY • Experience with FPGA development and debug tools <ul style="list-style-type: none"> ○ RTL design and simulation using Verilog and VHDL ○ SDC timing constraints ○ Design methods to obtain timing closure and fit ○ Altera Quartus, TimeQuest, SignalTap <p><u>Required (Personal):</u></p> <ul style="list-style-type: none"> • Strong analytical, problem solving and creative abilities • Good verbal and written communication skills • Interface with other Engineering teams (Hardware, System Test, Marketing, Documentation); <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Experience with C programming • Experience using Oscilloscope and Spectrum Analyzer • Experience of working under distributed version control (e.g. GIT or Mercurial) • Experience of working in cross site, multinational teams • Experience with scripting languages like TCL, Python, Linux Shells