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# Example of Field Applications Engineer Job Description

Our company is growing rapidly and is hiring for a field applications engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for field applications engineer

* Provide product application, test and reliability specification support to regional sales managers and customers
* Cooperate closely with sales team to drive all opportunities to achieve Design In and Design Win
* Program Manager and Strategist responsible for leading a global effort to ensure revenue realization
* Identify leads and develop prospects’ enthusiasm in our technologies
* Help technically qualify sales opportunities
* Provide technical support for pre-sales opportunities
* Implement projects for key customers to secure our commercial success
* Work alongside customers with our products to ensure their own success
* Act as a Technical Account Manager (TAM) for named accounts
* Create new technical materials

## Qualifications for field applications engineer

* 5+ years development experience or highly technical support experience in the fields of optical communication (optical cables and transceivers)
* Knowledge of short and long range optical transceivers design concepts, tradeoffs and testing methods
* Knowledge of different optical transmission specifications (SR4, LR4, PSM4, NRZ/PAM4, CWDM )
* Knowledge in InfiniBand and/or 100 Gigabit Ethernet networking spec
* Knowledge in hardware design, particularly in the area of high-speed communication
* 3-5 years with bachelor's or equivalent combination of formal education and directly related experience