



Example of RF Design Engineer Job Description

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Our growing company is looking for a RF design engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for RF design engineer

- Present technical work to group members, management, and customers
- Write technical memos and white papers that summarize research, threat capabilities, or other areas of interest or concern
- Provide a technical expertise at meetings with DoD officials, laboratories, and industry partners
- Participate in design reviews for Naval AAW and MDA BMD systems
- Design of wireless hardware for products through the product development process
- Develop, calibrate, deploy, and maintain physically predictive simulation decks for 5nm and beyond technologies
- Design GaN high power amplifiers
- Contribute to the crushing of inferior technologies such as GaAs and LDMOS and dominate the market
- Design, regulatory and implementation clarification/coordination for macros, small cells and In-Building
- Provide detailed cost evaluations for In Building DAS projects

Qualifications for RF design engineer

- Minimum BS Electrical Engineering and 6 years' experience or AA degree plus 10 years' experience
- Ability to work with early PDKs
- Minimum 5 years' highly integrated RF and/or millimeter wave IC physical design and verification experience in leading edge CMOS and/or CMOS/SOI

- Experience with physical design and verification of high performance RF/millimeter wave transmitter, receiver, PLL and/or power amplifier subsystems
- Circuit block experience with RF VCO, dividers, LO buffers, LNAs, DACs, ADCs, Mixers, PAs and/or LDOs
- Familiarity with custom design version control with tools such as ICMange or ClioSoft SoS