



Example of FPGA Design Engineer Job Description

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Our company is looking to fill the role of FPGA design engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for FPGA design engineer

- Ownership of all aspects of the design verification of the FPGA chips and/or its functional blocks
- Experience with Xilinx FPGAs, DSP, and software defined radios is a plus
- Develops circuit, component, subsystem, and equipment interfaces and procurement specifications
- Supports in-house design reviews and technical meetings
- Supports the design, development and testing, including upgrades, parts reliability requirements, failure analysis/corrective action investigations, special laboratory tests, performance evaluations, and design audits of in-house and contracted projects and provides status to senior program management
- Oversees the day-to-day development activities of the design team in support of the project manager's work plan
- Performs additional data systems and analysis work as required
- Work closely with HW engineers to define new FPGA
- Work closely with FW and SW Engineers
- Execute various technical aspects of a given program while ensuring that cost and schedule objectives are being met

Qualifications for FPGA design engineer

- Excellent scripting skills (csh/bash, Perl, Python)
- Bachelor's Degree in Telecommunication/ Industrial/Electronic Engineering
- English essential, French would be a plus

- Strong knowledge in microprocessors environment development
- Knowledge in data processing with FPGAs, DSPs