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# Example of SW Engineering Job Description

Our company is hiring for a SW engineering. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for SW engineering

* Assigns individual staff to projects of varying scope
* Roughly 40% to 60% hands on coding
* Lead the technical design and architecture of major components in our large scale distributed HTTP based backend service, creating new features and updating existing ones
* Build a world class online services team
* Working with customers and business leaders to understand customer needs and delivering incrementally on their
* Exposure to quality standards (ISO, CMMi) etc… is a plus
* Generation and integration of various CAN stack with different configuration tools will be an added advantage
* Design and develop digital modules with Verilog/VHDL
* Testing by simulation and also on the FPGA platforms
* Develop embedded software for embedded systems using C/C++

## Qualifications for SW engineering

* Well versed in inter-processor communications (IPC) solutions
* SW team functional leadership, experience across wide breadth of SW function (Protocol Stack, LTE Firmware, SW Drivers, SW Test/Verification...)
* Exceptional leadership skills, leading teams/projects
* Proven ability to identify concerns/risks/etc
* Must have working experience building JSON based RESTful Web Services and with HTTP
* Comfortable working in Agile environment and continuous integration