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# Example of Application Design Job Description

Our innovative and growing company is looking for an application design. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for application design

* Develop the team and the team members and personally contribute at the individual, functional, office and organizational levels
* Be a proactive and member of the local and regional management teams
* Design (concept through production) and redesign of standard, custom, and modified mechanical power transmission products in an application environment utilizing 3-D design methods (Solidworks)
* Analyze customer requirements by use of such tools as FEA, gear and bearing design, and other related engineering calculations
* Direct and coordinate detailed component and assembly specifications and the construction and testing of prototype products
* Manage a wide range of technical customer interactions
* Interact with Sales team to translate customer requirements into product designs
* Conduct powertrain digital mock-up packaging studies and develop concepts to eliminate potential packaging issues with respects to powertrain functionality, plant assembly processes and serviceability of powertrain components
* Provide simulations of existing coils to understand the field flux distribution and provide suggestions or new design to improve the X-Y freedom coil efficiencies
* Direct the Operational Data Management Services team (ODMS) design towards the right technical solution related to providing HealthSpring data for users and internal team interfaces

## Qualifications for application design

* Proficient in High Level Systems Integration / migration design
* BSEE, BSCS or Information technology degree or equivalent
* This position is based in New Delhi with travel generally throughout India specific to various customer visits and seminars
* Bachelor, Master or Doctorate degree in relevant fields with 5+ years of experience in hands-on role in netlist-to-GDS activities of complex ASIC development projects - In-depth understanding of ASIC design methodologies, design flows, and design collateral is a required skill
* Solid ASIC design background with multiple SOC project tape-out experiences
* In-depth understanding of EDA tools, ASIC design flow/methodology (UPF flow, power optimization, hierarchical P&R, IP integration, full-chip assembly) and design collateral