



# Example of Mechanical Product Engineer Job Description

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Our company is growing rapidly and is hiring for a mechanical product engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for mechanical product engineer

- Optimize and justify the design and technical choices with simulation, failure mode and effects analysis, tolerance calculation, etc
- Numerical simulation of elastic strain of rubber parts
- Lead technical innovations that advance technology and product revenue
- Act as Team Leader on complex/significant projects or conduct deep dive investigations into new technologies Responsible for complete documentation of projects and processes, specification requirements and/or architecture to match project schedule
- Writes engineering specifications and technical reports
- Uses engineering tools and methods to assure design quality, supports others in their use and learning of these tools
- Active participant in VAST initiatives and global teams as required
- Responsible for product design and development of assigned latch programs
- Create and maintain DFMEA and complete tolerance studies
- Write engineering specifications and technical reports

## Qualifications for mechanical product engineer

- Basic knowledge of engineering change management and document management concepts
- Basic knowledge of ERP systems (SAP is preferred)
- Previous experience working with Power Products is a plus

- Bachelor's degree in mechanical engineering or similar subject
- 5+ years of experiences in leading the design, development, and launch of new electromechanical and digital products