

Mechanical Engineer

← TAILOR THIS TO THE TARGET ROLE

EMAIL

PHONE

LOCATION

LINKEDIN

PROFESSIONAL SUMMARY

Mechanical Engineer with 5+ years of experience designing and developing mechanical systems from concept to production. Skilled in CAD, FEA, prototype development, testing, and manufacturing support. Experienced in cross-functional collaboration with product, manufacturing, and supplier teams to deliver reliable, cost-effective solutions through thoughtful design and continuous improvement.

← ADD MEASURABLE RESULTS

EXPERIENCE

Jan 2021 - Present

Mechanical Engineer

- Designed mechanical components and assemblies from concept through production using SolidWorks.
- Collaborated with electrical, manufacturing, and quality teams to bring products to market.
- Created detailed drawings and GD&T; supported prototyping, testing, and validation.
- Resolved production issues and improved designs for manufacturability and cost.

← SHOW DESIGN IMPACT

Jun 2018 - Dec 2020

Associate Mechanical Engineer

- Performed FEA to evaluate structural performance and guide design iterations.
- Built and tested prototypes to validate design requirements.
- Conducted root cause analysis on field failures and implemented corrective actions.
- Worked with suppliers to improve part quality and reduce manufacturing costs.

Aug 2016 - May 2018

Mechanical Engineering Intern

- Assisted with CAD modeling and drafting of mechanical components.
- Supported laboratory testing and data analysis.
- Documented test results and prepared engineering reports.
- Contributed to design reviews and learned DFM best practices.

TECHNICAL SKILLS

SolidWorks, CAD, GD&T, FEA, DFM, Prototyping, Testing, Manufacturing, Root Cause Analysis, Design for Manufacturing, Product Development, Technical Documentation, MATLAB, Python

← MATCH THE JOB DESCRIPTION

EDUCATION

Bachelor of Science in Mechanical Engineering

Aug 2012 - May 2016



DHD
CONSULTING
& STAFFING