

Sarah Lee

Mechanical Engineer Supervisor

(123) 456-7890 · City, State, ZIP code · email@example.com · LinkedIn | Portfolio

A lead mechanical engineer with eight years of experience managing multidisciplinary teams on large infrastructure and defense projects. Expert in system architecture, FEA, and cross-functional leadership.

Professional Experience

Lead Mechanical Engineer | Titan Defense Systems | Huntsville, AL
March 2020 – Present

- Directed a 15-engineer team in designing and field-deploying two weapon support systems
- Negotiated vendor contracts that saved 18% on raw materials for large-volume production
- Oversaw FEA validation of structural components, achieving certification under MIL-SPEC standards

Senior Mechanical Engineer | AeroTech Solutions | Orlando, FL
January 2016 – February 2020

- Led structural redesign that improved aircraft component lifespan by 30%
- Mentored five junior engineers in CAD and FEA best practices

Key Skills

- System architecture & FEA (ANSYS)
- Team leadership & mentorship
- Vendor negotiation & cost control

Education

M.S. in Mechanical Engineering | Georgia Tech
December 2015

B.S. in Mechanical Engineering | University of Florida
May 2012

Certifications

- Certified SolidWorks Professional (CSWP), June 2016