



## Senior Engineer Resume Template

*For professionals with 8+ years of experience in engineering roles*

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### MERRICK ITO

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#### SUMMARY

Results-driven senior mechanical engineer with 10+ years of experience designing high-efficiency HVAC systems and leading cross-functional engineering teams. Proven expertise in thermal systems, design optimization, and sustainable solutions in commercial infrastructure.

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#### PROFESSIONAL EXPERIENCE

##### Lead Mechanical Engineer

*VerdanTech Solutions – Denver, CO*

Mar 2020 – Present

- Led mechanical design for \$5.2M hospital retrofit project, improving energy efficiency by 28%
- Directed a team of 6 engineers, established CAD standards, and introduced Lean process improvements
- Authored 12+ system performance reports used by internal and external stakeholders

##### Mechanical Design Engineer

*Axiom Engineering Group – Boulder, CO*

Jul 2015 – Feb 2020

- Developed HVAC layouts for multi-story LEED-certified buildings using Revit and TRACE 700
- Collaborated with architects and structural engineers on construction integration



## **EDUCATION**

**Colorado School of Mines** – B.S. in Mechanical Engineering

Graduated: May 2015

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## **TECHNICAL SKILLS**

AutoCAD MEP, Revit, SolidWorks, HVAC Design, TRACE 700, EnergyPlus, Project Lifecycle Management, CFD Simulation

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## **CERTIFICATIONS**

- Licensed Professional Engineer (PE), Colorado
- LEED AP – Building Design + Construction