

Aiden Kelly

Senior Mechanical Engineer

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Quigleyburgh, Saudi Arabia



SUMMARY

Senior Mechanical Engineer with over 10 years of experience in the aerospace and power generation industries. Skilled in problem-solving, leadership, and innovation, resulting in increased efficiency, cost savings, and successful project delivery. Proficient in CAD/CAM, finite element analysis, and project management. Strong expertise in design optimization and manufacturing processes. Bachelor of Science in Mechanical Engineering from Massachusetts Institute of Technology. Fluent in English and German. Passionate about applying advanced technology and engineering solutions to transform military capabilities. Excited to contribute to Anduril Industries' mission of bringing cutting-edge autonomy, AI, computer vision, and networking technology to the military in a timely manner.

EXPERIENCE

Senior Mechanical Engineer

Lockheed Martin

2022 - Ongoing Los Angeles, CA

Designed and optimized components for aerospace systems, resulting in 20% weight reduction and increased fuel efficiency.

- Led a team of engineers in the development and testing of a new propulsion system for a next-generation satellite, resulting in a successful launch.
- Optimized the design of a jet engine fan blade, reducing manufacturing costs by 15% and improving durability.
- Implemented a new quality control system, resulting in a 25% reduction in defects and improved product reliability.

Lead Mechanical Engineer

General Electric

2017 - 2022 Chicago, IL

Managed the design and development of industrial gas turbines, resulting in improved performance and increased revenue.

- Successfully introduced design improvements to a gas turbine compressor, resulting in a 10% increase in efficiency and reduced maintenance costs.
- Led the integration of a new control system for a power generation plant, resulting in a 20% reduction in downtime and improved operational efficiency.
- Collaborated with cross-functional teams to develop and test a prototype for a new generation of gas turbine, resulting in a successful product launch.

MY LIFE PHILOSOPHY

Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful. - Albert Schweitzer

STRENGTHS



Problem-Solving

Consistently solved complex engineering problems resulting in increased efficiency and reduced costs.



Leadership

Led cross-functional teams of engineers and successfully delivered multiple projects on time and within budget.



Innovation

Developed and implemented innovative design solutions, resulting in patent applications and improved product performance.

SKILLS

CAD/CAM

Finite Element Analysis

Project Management

Design Optimization

Manufacturing Processes