



Michael ANDERSON

SENIOR ELECTRICAL ENGINEER

Strategic Senior Electrical Engineer with 14 years of experience in the aerospace industry, specializing in avionics systems and electrical power distribution. My background includes extensive work on projects that enhance aircraft safety and performance. I have a strong ability to work under pressure and lead teams in fast-paced environments. My technical skills are complemented by my commitment to quality and continuous improvement.

CONTACT

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SKILLS

- Avionics systems
- Electrical power distribution
- Quality assurance
- FAA compliance
- Risk management
- Team leadership

LANGUAGES

- English
- Spanish
- French

EDUCATION

**BACHELOR OF SCIENCE IN ELECTRICAL
ENGINEERING, EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY**

ACHIEVEMENTS

- Received the 'Engineering Excellence' award for outstanding contributions to aircraft safety.
- Improved electrical system reliability, resulting in a 20% reduction in maintenance costs.
- Contributed to the successful launch of a new aircraft model that exceeded performance expectations.

WORK EXPERIENCE

SENIOR ELECTRICAL ENGINEER

Skyward Technologies

2020 - 2025

- Designed avionics electrical systems for commercial aircraft, improving reliability by 30%.
- Led a cross-functional team in the certification process for new aircraft models.
- Collaborated with manufacturing teams to ensure compliance with FAA regulations.
- Conducted risk assessments and developed mitigation strategies for electrical systems.
- Implemented quality control measures that reduced defects in avionics components by 15%.
- Prepared technical documentation for regulatory submissions and audits.

ELECTRICAL ENGINEER

AeroDesign Corp.

2015 - 2020

- Developed electrical power distribution systems for military aircraft, enhancing operational efficiency.
- Assisted in troubleshooting avionics systems during flight tests to ensure safety.
- Documented engineering changes and maintained accurate records for compliance audits.
- Collaborated with suppliers to source components that met stringent quality standards.
- Participated in design reviews to provide input on system improvements.
- Provided training for junior engineers on electrical design principles in aviation.