Professional Summary

Results-driven AV10 professional with extensive experience in Aviation and Avionics, driving innovation and excellence in the industry. Proven track record of successfully leading high-performing teams and implementing cutting-edge solutions.

Professional Experience

Director of Aviation Operations

Inazuma.co | January 2020 - Present

Senior Avionics Engineer

Aerius Inc. | June 2015 - December 2019

Key Achievements:

- Designed and implemented a novel avionics system, resulting in a 30% reduction in fuel consumption.
- Led a team of 5 engineers, achieving a 25% increase in project delivery efficiency.

Responsibilities:

- Developed and tested avionics software and hardware.
- Collaborated with cross-functional teams to ensure system integration.

Avionics Engineer

SkyTech Solutions | March 2012 - May 2015

Key Achievements:

- Successfully integrated a new navigation system, enhancing flight safety by 20%.
- Improved system reliability by 15% through rigorous testing and debugging.

Responsibilities:

- Designed and developed avionics components.
- Conducted system testing and validation.

Junior Avionics Engineer

Flight Dynamics Corp. | January 2010 - February 2012

Key Achievements:

- Assisted in the development of a cutting-edge flight control system.

- Contributed to a 10% reduction in project timelines through efficient task management.

Responsibilities:

- Supported senior engineers in system design and development.
- Conducted preliminary system testing.

Education

Master of Science in Aerospace Engineering
Massachusetts Institute of Technology (MIT)

Relevant Coursework:

- Avionics Systems Design
- Aerospace Engineering Principles
- Computer Systems and Programming

Technical Skills

Aviation:

- Avionics System Design
- Flight Dynamics
- Aircraft Performance Analysis

Avionics:

- Software Development (C++, Python, Java)
- Hardware Development (FPGA, Microcontrollers)
- System Integration and Testing