

Professional Summary

Results-driven Aviation Professional with 15+ years of experience in designing innovative solutions, leading cross-functional teams, and driving business growth. Proven track record of delivering high-impact projects, fostering strategic partnerships, and mentoring junior professionals.

Professional Experience

Director of Aviation Design & Innovation (AV09)

Inazuma.co | January 2020 - Present

Senior Aviation Design Manager (AV07)

Aerius Inc. | June 2015 - December 2019

Key Achievements:

- Spearheaded the design of a novel aircraft system, resulting in a 25% reduction in fuel consumption and a 15% increase in passenger capacity.
- Developed and implemented a design process improvement initiative, yielding a 30% decrease in project timelines.

Responsibilities:

- Managed a team of designers and engineers, providing guidance and mentorship.
- Collaborated with cross-functional teams to ensure design alignment with business objectives.

Aviation Design Lead (AV05)

Skybound Aviation | March 2010 - May 2015

Key Achievements:

- Designed and developed a bespoke aircraft interior, receiving the 'Best in Class' award at the annual Aviation Design Awards.
- Successfully led a team to deliver a high-priority project 20% ahead of schedule.

Responsibilities:

- Coordinated with clients to understand design requirements and preferences.
- Conducted design reviews and provided constructive feedback to team members.

Junior Aviation Designer (AV02)

FlightForge | August 2007 - February 2010

Key Achievements:

- Contributed to the design of a revolutionary aircraft component, patented by the company.
- Consistently received positive performance reviews, leading to rapid career progression.

Responsibilities:

- Assisted senior designers in developing design concepts and prototypes.
- Participated in design workshops and training sessions to enhance skills.

Education

Master of Science in Aerospace Engineering

Massachusetts Institute of Technology (MIT) | June 2007

Relevant Coursework:

- Aircraft Design and Development
- Aerodynamics and Flight Mechanics
- Aviation Systems Engineering

Technical Skills

Design and Development:

- Computer-Aided Design (CAD) software (CATIA, SolidWorks)
- Design for Manufacturability (DFM) principles
- Lean Design methodologies

Project Management:

- Agile project management frameworks
- Scrum Master certification
- Resource allocation and team leadership

Aviation Industry Knowledge:

- FAA regulations and compliance
- Aviation safety protocols and procedures
- Industry trends and emerging technologies