

Professional Summary

Results-driven AV09 Design Engineer with 12+ years of experience in the aviation and automotive industries, leveraging expertise in CAD, FEA, and manufacturing to drive innovation and efficiency. Proven track record of leading cross-functional teams and delivering high-impact projects.

Professional Experience

Senior Design Engineer - Aviation

Inazuma.co | January 2018 - Present

Design Engineer - Team Lead

Aerius Aerospace | June 2015 - December 2017

Key Achievements:

- Successfully led a team of 5 engineers in designing a new aircraft landing gear system, resulting in a 25% weight reduction and improved safety features.
- Developed and implemented a CAD training program, enhancing team proficiency in SolidWorks by 40%.

Responsibilities:

- Managed project timelines and resource allocation
- Conducted design reviews and ensured compliance with industry standards

Senior CAD Designer

Veloce Automotive | March 2012 - May 2015

Key Achievements:

- Designed and developed a novel car chassis component, reducing production costs by 15% and improving vehicle stability.
- Collaborated with the manufacturing team to implement a new assembly line process, increasing efficiency by 20%.

Responsibilities:

- Created detailed CAD models and prototypes
- Worked closely with cross-functional teams to resolve design and manufacturing issues

CAD Designer

NovaTech Engineering | August 2009 - February 2012

Key Achievements:

- Assisted in the design of a new motorcycle frame, contributing to a 10% increase in sales due to improved aesthetics and performance.
- Developed a CAD tutorial for new hires, reducing onboarding time by 30%.

Responsibilities:

- Created 2D and 3D CAD models
- Participated in design reviews and provided feedback

Education

Master of Engineering (MEng) in Computer Aided Design

Sri Venkateswara College of Engineering | 2009

Technical Skills

CAD Software:

- CATIA
- SolidWorks
- Siemens NX

Analysis Tools:

- Finite Element Analysis (FEA)

Manufacturing:

- Process Improvement
- Assembly Line Optimization

Soft Skills:

- Team Leadership
- Cross-Functional Collaboration
- Project Management