

Amina Patel

amina.patel@example.com • (555) 123-4567 • Seattle, WA • linkedin.com/in/amina-patel

SUMMARY

Results-driven Aerospace Engineer with over 5 years of experience in aircraft design and analysis. Proven track record in improving aircraft performance and reducing production costs through innovative engineering solutions.

EXPERIENCE

Aerospace Engineer

Jan 2022 - Present

Lockheed Martin, Sikeston, MO

- Led a team in redesigning wing structures, resulting in a 15% increase in aerodynamic efficiency.
- Implemented advanced simulations using ANSYS, reducing development time by 20%.
- Collaborated on a cross-functional team to develop an unmanned aerial vehicle, achieving a \$2M cost reduction in prototype development.

Mechanical Engineer

June 2018 - Dec 2021

Boeing, Renton, WA

- Optimized manufacturing processes that decreased part assembly time by 30%.
- Conducted structural integrity tests leading to a 10% weight reduction of new aircraft models.
- Developed CAD models for new components, enhancing design accuracy and efficiency.

Intern - Aerospace Engineering

June 2017 - Aug 2017

Northrop Grumman, Bethesda, MD

- Assisted in the analysis of flight data, contributing to a project that improved flight safety by 25%.
- Participated in design reviews and presented findings to engineering teams.

EDUCATION

Bachelor of Science in Aerospace Engineering

May 2018

University of Washington, Seattle, WA • GPA: 3.7

SKILLS

Technical Skills: Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), CAD Software, Systems Engineering

Tools & Frameworks: ANSYS, SolidWorks, MATLAB, CATIA