

# Abdulhadi Joharji

## Industrialization Engineer

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🔗 Portfolio Website

🌐 LinkedIn

### Profile

I am an experienced Industrialization Engineer with a strong background in developing manufacturing processes for aircraft structural components, ensuring compliance with OEM standards and improving efficiency.

For the past three years, I've managed the Engineering Department, where I led the team, developed KPIs, and prepared for audits. I also ensured the effective implementation of our Quality Management System (QMS).

Known for my leadership, problem-solving skills, and commitment to quality and safety, I am confident I can contribute to your company's continued success.

### Projects

#### BAE SYSTEM Proof of Concept

*Typhoon Fuel Tank Hinge*  
2023

#### CNC Machine

*3-axis CNC Machine built with aluminium*  
2017

#### More Advanced Remote Controlled Aircraft

*College Project*  
2013

#### Remote Controlled Aircraft

*1st Rank in Science Competition*  
2008

### Education

#### BSc in Mechanical Engineering Technology

*Yanbu Industrial College*  
2010 – 2016

I completed two senior projects: a remote-controlled aircraft and a road blocker. I also held a leadership role in the college's Mechanical Club.

### Languages

**Arabic** — Native/Bilingual

**English** — Proficient

### Professional Experience

#### Industrialization Engineer

*Sami Figeac Aero Manufacturing Industry*  
2021 – present

The NPI process starts with analyzing customer data, defining the manufacturing concept and strategy, developing the manufacturing process, conducting First Article Inspection (FAI), and ends with serial production initiation.

#### Key responsibilities:

- Developed and optimized the best manufacturing processes
- Implemented new technologies and methodologies
- Created and maintained comprehensive technical documentation
- Led engineering team & process validation

#### Production Technician

*Sami Aerospace Mechanics* ✉  
2018 – 2021

As an Assembly and Test Technician in the F-15 Secondary Power System workshop, I earned the disassembly qualification for the F-15 CGB Gearbox within three months, followed by additional certifications. I was also appointed acting supervisor for a team of 14 mechanics, overseeing operations and ensuring workshop efficiency.

### Skills

- NPI IMPLEMENTATION
- CNC MANUFACTURING
- CNC STRATEGY IMPROVEMENTS
- CATIA V5
- CNC SIMULATION
- 3D PRINTERS
- AUTOCAD
- MRO
- IT & ELECTRICAL & ELECTRONICS
- MANAGER ASSISTANCE
- TEAM LEADER
- KPI
- AUDIT

### References

#### Garry Wedlow (Recommendation Letter),

*Production Director, SAM (AACC)*  
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