

ERDİ YAŞAR

Mechanical Engineer

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PERSONAL INFORMATION

Nationality : Turkish
Birth Place : Nevşehir
Date of Birth : 29.10.1993
Driver's License : B-A2
Military Service : Done
Marital Status : Married

SUMMARY

As a passionate engineer with a strong analytical mindset, I am a problem solver with a team-oriented, solution-focused approach. I have expertise in R&D and quality management optimization. My competencies include product development, project management, process monitoring and organization, material science, modeling, and simulation techniques. I aim to enhance productivity and quality in manufacturing processes through innovative projects.

Areas where I can contribute:

- Product research and development processes
- Optimal material selection using material science
- Advanced solid modeling and design with SolidWorks.
- Flow analysis and simulations using Ansys Fluent
- Engineering studies on aviation and aircraft engines.
- Visual quality control, defect analysis, and problem-solving

PROFESSIONAL EXPERIENCE

08/2022 – Present

YİĞİT AKÜ A.Ş ANKARA



R&D Engineer

After gaining experience in quality departments, I continued my career as an R&D Engineer at Yiğit Akü A.Ş. In the R&D department, I have been involved in various projects, including new product development, machine commissioning, production process improvements, and increasing product diversity. Additionally, I actively contribute to cost optimization and efficiency enhancement initiatives.

- Managing product development and innovation processes
- Commissioning new machinery and production lines
- Material selection, process analysis, and optimization
- APQP, PPAP, DFMEA, and PFMEA process management
- Data analysis, KPI tracking, and performance evaluations
- Integrating ERP systems with production processes

03/2021 – 08/2022

YİĞİT AKÜ A.Ş ANKARA



Quality Process Engineer

As a Quality Process Engineer, I contributed to establishing quality control mechanisms in production, process improvement initiatives, and project management. I implemented quality management systems in accordance with IATF 16949 standards and worked on continuous improvement strategies.

- Quality management processes with IATF 16949 (Internal Auditor Certificate)
- Application of Kaizen and continuous improvement methodologies
- Creation of PFMEA and control plans
- SPC, MSA, and OEE analysis for monitoring production processes
- Implementation of 5S and lean manufacturing techniques
- Development of process maps and flow diagrams

EDUCATION

02/2025 – Present

HACETTEPE UNIVERSITY – ANKARA



Industrial Engineering - Engineering Management

- Master's Degree

09/2015 – 06/2020

SELÇUK UNIVERSITY – KONYA



Mechanical Engineering (%30 English)

- Graduated with Bachelor's Degree (CGPA: 2.80/4.00)
- High engineering community member
- Participation in many projects
- Attending events and meetings

09/2016 – 06/2020

ANADOLU UNIVERSITY- ESKİŞEHİR



Faculty of Management - Business

- Graduated with Bachelor's Degree (CGPA: 3.01/4.00)

09/2012 – 06/2014

UNIVERSITY OF TURKISH AERONAUTICAL ASSOCIATION - ANKARA



Aircraft Technologies

- Graduated with Associate's degree (CGPA: 3.13/4.00)

STRENGTHS

- Communication skills to present points precisely and clearly
- Business development and process improvement focus
- Strong analytical and problem-solving skills
- Excellent communication and teamwork abilities
- Ability to deliver results under tight deadlines