

Ahmed Elhaj

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Summary

Mechanical Engineer with 4+ years of experience in heavy equipment maintenance, specializing in hydraulic systems, vibration analysis, and troubleshooting. Proven ability to reduce downtime, optimize preventive maintenance, and lead cross-functional teams.

Experience

Maintenance Engineer, 05/2023 - Current

شركة العايد دحيم الحمد للمقاولات AIDCO

- Documented all maintenance activities, creating comprehensive reports for management review.
- Implemented predictive maintenance techniques like vibration analysis and thermography to detect issues before they escalate into failures or costly repairs.
- Managed inventory of spare parts and tools, maintaining adequate stock levels for timely repairs.
- Collaborated with engineering team to design custom solutions for unique mechanical challenges.
- Reduced downtime through efficient troubleshooting and root cause analysis of equipment failures.
- Met daily, weekly and monthly service and repair targets consistently to improve customer satisfaction.

Maintenance Engineer, 10/2021 - 10/2022

Al Mtkaml Car Maintenance Co.

- Performed troubleshooting and repair for complex electrical equipment.
- Visually inspected and tested machinery and equipment, performing routine preventive maintenance.

Maintenance Engineer, 05/2020 - 02/2021

Dal Motors co.,

- Developed and strengthened prototype designs for use by product teams and clients.
- Developed and integrated new technologies into existing automotive systems.

Skills

- Hydraulic systems
- Electrical Systems
- Mechanical Troubleshooting
- Vibration Analysis & Thermography
- Preventive Maintenance
- Team Member Training
- Problem Solving
- Time Management

Languages

- Arabic
- English
- Chinese

Education

2019 Shenyang Jianzhu University - China

Bachelor's Mechanical Design, Manufacturing & Automation

Certifications

- Saudi council of engineers
- HSK 3
- Firefighting & fire alarm systems