

Elias Bahattab, CMRP®, PMP®, CMRT®
Mechanical Engineer

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📍 Saudi Arabia

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SUMMARY

Mechanical Engineer with a focus on maintenance and reliability, holding PMP, CMRP, and CMRT certifications. I apply condition monitoring, data analysis, and root cause analysis to identify equipment issues, reduce downtime, and improve asset performance. I use a structured approach to solve problems and support safe, efficient operations.

WORK EXPERIENCE

Saudi Aramco Mobil Refinery Company Ltd (SAMREF) | Yanbu, Saudi Arabia

Inspection & Reliability Engineer (Fixed & Rotating Equipment) – Co-op Training | Feb 2022 - Aug 2022

- Developed an Excel database to track leaks and corrosion for 150+ equipment items, improving data accuracy and supporting faster decision-making.
- Assisted in assessing equipment and piping risks to improve safety and reduce failure likelihood.
- Identified defects (corrosion, cracks, leaks, misalignment, wear) to support early fault detection.
- Reviewed inspection data to identify recurring issues and support reliability improvements.
- Assisted in non-destructive testing (NDT) on piping systems to detect internal and surface defects.

EDUCATION

Bachelor of Science in Mechanical Engineering | 2017 - 2023

King Abdulaziz University | Jeddah

Cumulative GPA: 4.36 out of 5

OTHER

• **Training Program:**

Junior summer engineer program | The Energy and Water Academy (EWA) | Jul 2023 - Aug 2023

Training Program Highlights:

- Renewable Energy: Focuses on sustainable energy sources and technologies.
- Hydraulic Principles: Involves fluid mechanics and pumping technology.
- Water Treatment: Include Reverse osmosis principle.

• **Certifications:**

- Certified Maintenance & Reliability Technician (CMRT®) | SMRP ID: 10902 | Oct 2025
- Certified Maintenance & Reliability Professional (CMRP®) | SMRP ID: 10902 | Mar 2025
- Excellent performance during the coop program | Saudi Aramco Mobil Refinery Co (SAMREF) | Aug 2022
- Project Management Professional (PMP®) | PMP Number: 2913322 | Dec 2020

• **Courses:**

- Risk Management Professional | 18 hours | Technical and Vocational Training Corporation | Apr 2021

• **Technical Skills:**

- Engineering Analysis
- Data Processing
- Excel Proficiency
- Maintenance and Reliability Analysis
- Documentation and Report Writing

• **Soft Skills:**

- Leadership
- Critical Thinking
- Problem-Solving
- Analytical Thinking

• **Languages:** Arabic (Native speaker), English (Workplace proficiency)