

TARIQ AYMAN ALHARBI

Mechanical Engineer

Saudi National • tariq.alharbi.me@gmail.com • +966566449008 • [LinkedIn](#)

EDUCATION

King Fahd University of Petroleum & Minerals

Aug 2018 – Jan 2024

Bachelor of Science: Applied Mechanical Engineering.

Academic Projects:

- Design a Turbo Jet Engine.
- Design a Motor-Driven Industrial Mixer
- Design a Slicing Mechanism with Feeder
- Design a Finned Heat Sink for Electronic Chips

EXPERIENCES

❖ Altec Energy Company

Mechanical Engineer- Coop Training

Jan 2023 – Aug 2023

- Played a pivotal role in energy conservation projects, actively seeking innovative strategies to reduce power consumption in alignment with energy efficiency.
- Applied problem-solving skills to deliver effective solutions for HVAC systems in buildings, optimizing energy efficiency Such as atomized water spray skid for adiabatic cooling of air supply to CHWU which save energy by 22%.
- Actively participated in tender projects for government buildings and projects.

❖ Evolution Engineering services (EES)

Mechanical Commissioning Engineer – Haram Third Expansion Project

Nov 2024 - Present

- Prepare detailed commissioning reports, including test results, observations, and recommendations for Firefighting, HVAC, Plumbing Systems.
- Inspect and test mechanical equipments to ensure compliance with design specifications and standards.
- Analyze mechanical drawings, and equipment manuals for all Haram Expansion Project systems.
- Managed project hand-over documents and tracked item list to ensure all mechanical systems were fully operational.

Skills

- **Technical Skills:** SolidWorks CAD/CAM, Finite Element Analysis (FEA), EES, Knowledge of manufacturing processes, technical writing and documentation, MS Office.
- **Interpersonal Skills:** Problem Solving, Attention to Detail, Creativity and Innovation, Presentation Skills, Time Management, Analytical and Critical Thinking, Leadership skills.
- **Languages:** Arabic (Native) English (fluent).

Volunteering

❖ Ministry of Hajj and Umrah

Safety Engineer- Seasonal

May 2024 – Jun 2024

- Conduct assessments to identify and mitigate potential risks in workplace and office environments.
- Perform regular maintenance inspections to identify potential issues and prevent unexpected breakdowns.