# Abdullah Al Ramadan

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# **OBJECTIVE**

As a highly motivated and results-driven Mechanical & Energy Engineering student with a strong foundation in problem solving and consulting, I aim to contribute to top-tier consulting firms by leveraging my leadership, problem-solving, and analytical skills. My experience in leading cross-functional teams to design innovative strategies for energy efficiency and cost optimization in the energy sector, coupled with my passion for sustainable engineering practices, positions me to provide valuable insights and drive impactful solutions in consulting projects. I am committed to applying my technical expertise and strategic thinking to help organizations optimize performance, reduce costs, and achieve their sustainability goals.

#### EXPERIENCE

# Consulting Case Challenge – Cost Efficiency & Sustainability in the Energy Sector

Powered by Saudi Aramco, KPMG, Pure Consulting, and Strategic Gears

- Led a 3-member team to design data-driven strategies for improving energy efficiency and sustainability.
- Analyzed operational inefficiencies and sustainability gaps for a simulated oil & gas firm.
- Proposed three strategic initiatives: IoT-based predictive maintenance, waste & CO<sub>2</sub> reduction, and renewable energy transition and forecasted \$115M-\$191M in 5-year savings with ROI up to 447%.
- Addressed goals including 30% emissions reduction, 15% waste cut, and 10%–15% energy efficiency improvement.
- Delivered executive-level presentation using KPMG-style consulting structure and insights.
- Ranked among the top-performing teams out of 100+ competitors in a nationwide consulting challenge.

# **Innovation Nexus Hackathon**

# Imam Abdulrahman Bin Faisal University

- Collaborated in a multidisciplinary team to develop a sustainable energy solution for water scarcity challenges.
- Engineered a solar-powered desalination system using concentrated solar power (CSP) for maximum efficiency.
- Evaluated technical feasibility by calculating solar panel area, projected costs, and estimated water output.
- Presented the project to industry experts and judges, showcasing sustainability metrics and system viability.

#### **EDUCATION**

**Imam Abdulrahman Bin Faisal University** Bachelor of Science in Mechanical & Energy Engineering

- Academic Level: Junior
- Graduation Year: 2026

#### SKILLS

- Leadership & Team Management
- Strategic Thinking & Problem Solving
- Consulting & Presentation Skills
- Data Analysis & Forecasting
- Project Management

#### COURSES

- Mustashar Accelerator Management Consulting Program 2025
- Mustashar Accelerator CaseMaster: Advanced Problem Solving 2025

#### Languages

- Arabic Native
- English Excellent

#### Dammam

Jan 2025

Dammam

Aug 2021 – Present

**Dhahran** Dec 2024