

Abdulrahman Abughazala

Mechatronics Engineer | Digital Transformation | Strategic Project Management

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PROFESSIONAL EXPERIENCE

Strategic Projects Section Head, Saudi Arabia Railways

Aug 2020 – present | Riyadh

- Developed strategic, technical, and cost advisory analysis of business and project contracts, saving millions of riyals.
- Led design and procurement for 600M CHF passenger trains project, serving as key liaison with Swiss manufacturer.
- Developed and delivered 10+ executive presentations and reports on business growth and opportunities, driving strategic decision-making
- Spearheaded the initiation of the Digital Transformation strategy for the passenger business unit, laying the foundation for enhanced efficiency, reliability and customer satisfaction.
- Managed contract management processes, efficiently conducting contract reviews and providing expert monetary advisory to optimize compliance and profitability.
- Led data-driven analyses, optimizing fleet efficiency and enabling informed decision-making for superior project outcomes.
- Managed concurrent projects, achieving efficiency improvements and early project milestones.
- Led and mentored junior engineers, driving their professional growth and improving task completion rates and technical report quality.
- Spearheaded condition-based and predictive maintenance, improving system reliability by 45%.
- Authored comprehensive technical documentation and conducted risk assessments to enhance safety.
- Assessed project life cycles, recommending strategic replacements and upgrades for optimal performance.
- Retained knowledge on industry regulations and standards ensuring projects meet all relevant compliance requirements.

EDUCATION

MSc Transportation Planning and Engineering, Univeristy of Southampton

Aug 2024 – present | Southampton, UK

Bachelor of Science in Mechatronic Engineering,
California State University, Chico

Aug 2015 – May 2019
California, United States

SKILLS

Programming Languages:

Python, C++, HTML, JavaScript, MatLab

Engineering Tools:

CAD, MATLAB, Simulink

Business & Management:

Project Management, Digital Transformation, Contract Management, Regulatory Compliance

Analytical Skills:

Advanced Data Analysis, Business Intelligence, Strategic Planning, Data-Driven Decision Making

COURSES

The Credential of Readiness (CRe), Harvard Business School

Jun 2024 – Sep 2024 | Online

Completed courses in Financial Analysis, Economics for Managers, and Business Analytics, gaining a solid foundation in business principles that complement my technical expertise.

CERTIFICATES

Leading Digital Transformation MBSC - December 2023	Large Language Models Practitioner SDAIA - November 2023	Foundations of Project Management Google - October 2023	Certified Maintenance Reliability Professional (CMRP) September 2022
Senior Management Program DB Engineering & Consulting - 2022	IOSH Managing Safely October 2021	Root Cause Analysis Septmber 2021	