

# Aws Sadoon Mohammed Al Janabi

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## AERA OF EXPERTISE

- Microsoft Office – Advance
- Enterprise resource planning (ERP) - Advance
- Arabic and English professional level
- Multiple engineering software
- Quality management system – ISO 9001 audit
- Manufacturing Manager
- Laboratory technician
- Problem-solving
- Time Management
- Collect and analyse data
- Advanced software experience
- Computer language fundamentals
- Materials Characterisation
- Hardware hands-on experience

## WORK EXPERIENCE

- **Quality Control Manager •** **Oct 2022 – Current**  
Canroyal Oil Lubricant
  - ✓ **Redesign all the procedures forms** related to manufacturing and product tracking to **enhance work efficiency at least by 20%**
  - ✓ Contacting suppliers to maintain a good relationship and to **get the best offers** (Official emails and phone calls).
  - ✓ Developing a new manufacturing system helps to increase profit by at least 5% through material management (**formulation**) and **product-price monitoring**.
  - ✓ Managing to **schedule laboratory tests** on final products to apply quality control regulations.
  - ✓ **Train workers/technicians** to perform laboratory tests following standard procedures (**ASTM**).
  
- **Assistant Planning Manager • 1y 2m** **Jan 2021 – Feb 2022**  
Manahel Al Saad L.L.C. • Remote
  - ✓ Evaluated and recommended many points with the project sponsor throughout the project to achieve the best outcomes
  - ✓ Created an automated system using visual basic that increases the speed and lets the workers be hand-free for up to 2 hours per operation
  - ✓ Optimize the flow of the system to be easily upgradable and updated in the future
  - ✓ Overcome common manufacturing defect problems by developing new production methodologies.
  - ✓ Consulted experts in the field about market prices and how to achieve more profit
  - ✓ Monitored workers and technicians to deliver products ordered on time

## EDUCATION

- **PhD. Aircraft Design (Nanomaterials)** Jul 2019 – Jul 2022  
Universiti Sains Malaysia • Penang, Malaysia  
The research was about enhancing nano lubricant in terms of dispersion, stability time, heat transfer, and tribology properties
- **M.Sc. Materials Engineering** Sep 2017 – Mar 2019  
Universiti Sains Malaysia • Penang, Malaysia  
GPA: 3.26/4 - Thesis title: "Effect of nickel catalyst on TiH<sub>2</sub>: experimental and numerical"
- **B.Sc. Process Engineering** Sep 2012 – Jun 2016  
Caledonian College of Engineering • Muscat, Oman  
GPA: 3.71/4. Courses were downstream petroleum refinery, electrical and mechanical engineering, and advanced chemical engineering.

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## SKILLS

- **Knowledge of ISO9001 (Quality Management) & ISO 45001 (Health, Safety and Environment)** gained from previous QA work, industrial engineering, and engineering degree courses
- **Excellent IT skills** that can solve technical problems. Outstanding knowledge of **Microsoft Office**: Word, Excel, PowerPoint, and Outlook. Practical experience in **Minitab**, **design of experiment (DOE)**, **Microsoft Project** and **many other statistical and analysis engineering software**
- **Solid background mixed with hands-on experience in project management**: SAP Enterprise Resource Planning courses and six sigma courses give good knowledge of project management. Additional practical experience in small-medium scale businesses.
- **Leadership attitude and mentality** for being a leader in almost all the projects taken through my work and study. **Managing stockholders** professionally, controlling and managing **project risk**, clear stream of **communication, meeting, and reports**, good **scheduling**, and **time management**
- Ability to deliver authentic information to co-workers. My training as a lecturer gives me good communication skills and my PhD develop my research methodology to be a **lecturer and workshop organiser**
- **Hands-on experience** in web designing, software installation, and hardware repairs.
- **Lubricant and oil experience**: work with nano-lubricant to examine density, viscosity, stability, tribology, and other laboratory work

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## COURSES

- **Jul 2022 – How to become a manager** – 10 different courses covering wide aspects of project management and MS Project. Accredited by Project Management Institute (PMI) as 11 PDUs, and National Association of State Boards of Accountancy (NASBA) as 19 Education Credit (CPE).
- **May 2022 – SAP ERP Essential Training** and **SAP ERP: Beyond the Basics** – These two courses cover key concepts within SAP Enterprise Resource Planning (ERP)
- **Apr 2022 – Quality Management Foundations** and **Six Sigma: Green Belt** – These two courses define quality from a business perspective and cover major quality frameworks, tools, and strategies
- **Feb 2022 – Leadership: Practical Skills** and **Time Management Fundamentals** – Two courses provide leaders and managers with the basic skills needed to lead teams to success and how to get more done in the shorter time

## PUBLICATION LIST

- The Enhancement of The Tribological Characteristics of Lubricants by Nanoparticles - A Review - August 2022 - Submitted (Q3, Q4 WoS)
- Tribological and Rheological Experimental Investigation on Graphene and FMWCNT Nanolubricant - August 2022 - Submitted (Q1, Q2 WoS)
- Colloids and Surfaces A Physicochemical and Engineering Aspects - 24 April 2022 - Effect of CTAB surfactant on the stability and thermal conductivity of mono and hybrid systems of graphene and FMWCNT nanolubricant
- Case Studies in Thermal Engineering - 19 October 2021 - Stability thermal conductivity and rheological properties of graphene and MWCNT in nanolubricant using additive surfactants
- AIP Conference Proceedings 2267 - 21 September 2020 - Stability and thermal conductivity of graphene in the polyester lubricant
- The Minerals Metals & Materials Society 2019 - 16 February 2019 - Reduction of  $TiCl_4$  to  $TiH_2$  with  $CaH_2$  in presence of Ni Powder
- EPH - International Journal of Science and Engineering - 01 August 2017 - Simulation Study of Finned Double Pipe Heat Exchanger