

# Abdullah Hamad Said Al-Mamari

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## Profile Summary

I am a **Mechanical Engineer, Technical Standards Expert, Programmer, and Published Author & Translator** with **15+ years of experience** in **engineering leadership and technical regulations**.

My expertise spans **engineering standardization, research, philosophy & science, and programming**. I thrive in **bridging disciplines**—applying **engineering principles, computational thinking, and cultural knowledge** to solve complex problems.

I also represent the **First Registration Authority of Oman** ([OID 2.16.512](#)), contributing to digital security and identity verification frameworks.

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## Professional Experience

### Head of Mechanical and Metallic Products Standards Section

 **Directorate General for Standards and Measurements (DGSM), MOCIIP** |   
**2008 – Present**

- Led the **development, revision, and enforcement** of **mechanical and metallic product standards** in **Oman and across GCC countries**, ensuring compliance with **global regulatory frameworks**.
- Supervised **engineering teams**, overseeing the **technical evaluation, policy development, and implementation** of industry standards.
- Worked closely with the **GCC Standardization Organization (GSO)** and international regulatory bodies to **harmonize technical standards** and

streamline **regional trade regulations**.

- Conducted **strategic assessments and research** to enhance the **safety, quality, and performance** of mechanical and metallic products in the market.
- Led **national and regional technical committees**, fostering collaboration between government, industry stakeholders, and international standardization organizations.
- Provided **technical training and workshops** for professionals, regulators, and manufacturers on **compliance, testing, and certification** of mechanical and metallic products.

### Production Line Supervisor

 **Oman Cables Industry, Oman** |  **2007 – 2008**

- Supervised the **1.5mm & 2.5mm wire production line**, overseeing **21 machine operators** to ensure smooth and efficient manufacturing operations.
- Monitored **production processes, quality control, and machine performance**, ensuring compliance with industry standards.
- Implemented **process optimization strategies** to enhance **efficiency, reduce material waste, and minimize downtime**.
- Provided **technical support** and guidance to machine operators, improving their workflow and troubleshooting capabilities.
- Coordinated with **maintenance teams** to ensure the proper functioning of **production machinery and automated systems**.

### Maintenance Workshop Manager

 **Royal Court Affairs, Royal Razat Farm, Oman** |  **2005 – 2007**

- Managed and supervised a **maintenance workshop** in a **large-scale production farm** with **20+ machines**, including **cattle feeding machines, tractors, lawnmowers, and irrigation systems**.
- Led a **team of 18 employees**, ensuring **efficient maintenance, repair, and optimization** of farm machinery and equipment.
- Developed **preventive maintenance plans** to **minimize downtime** and **enhance operational efficiency**.
- Coordinated with farm operations to ensure **seamless integration of mechanical systems** in daily agricultural activities.
- Provided **technical guidance** and trained staff on **equipment troubleshooting and safety procedures**.

### Scientific & Technical Translator (English to Arabic)


 Ministry of Education, Oman |  2004 – 2005

- Translated **mathematics textbooks, technical manuals, and scientific research papers** from **English to Arabic**, ensuring accuracy and accessibility for Arabic-speaking students.
  - Worked closely with **education specialists and curriculum developers** to align translated materials with **academic and pedagogical standards**.
  - Ensured **technical precision and clarity** in mathematical concepts, equations, and instructional content.
  - Contributed to the **localization of STEM education**, making complex scientific ideas more accessible to Arabic-speaking learners.
  - Developed **glossaries of technical terms**, enhancing consistency across educational materials.
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## Education

### B.Sc. in Mechanical and Industrial Engineering

 Sultan Qaboos University, Oman |  2004

 **Graduation Project:** *“Cooperation Strategies for Soccer Playing Robots”*

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## Programming & Technical Skills

- **Computer Architecture and Digital Logic Design:** Built an 8-bit machine simulator
  - **Programming Languages:** C & Python
  - **Web Development:** Built and managed a personal portfolio website using GitHub Pages
  - **Artificial Intelligence:** Built a simple neural network (single perceptron) as a learning path
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## Cultural & Literature Contributions

### Arabic Writing & Translation

#### **Authored Books**

- “*Creation Language: An Introduction to Evolutionary Biology in Arabic*” – Dar Alfarqad, Damascus, 2018.
- “*Sahr al-Manzumat*” – A historical and analytical study of the philosophical system of Al-Kindi, Arab Diffusion Company, Beirut, 2009.
- “*Saheelo Farasn Haroori*” – A collection of poems, Arab Diffusion Company, Beirut, 2005.

#### **Translated Books**

- “*Genes*” – Jonathan Slack, translated into Arabic for the Kalima Project, Abu Dhabi, 2019.
  - “*Endless Forms Most Beautiful: The New Science of Evo Devo*” – Sean B. Carroll, co-translated with Hamad Al Gaithi, Kalima Project, Abu Dhabi, 2015.
  - “*Darwinism: Two Contemporary Academic Studies*” – Self-published, ISBN 978–1533606990, 2016.
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## Awards & Recognition


- 🏆 **Omani Society for Writers and Literati Prize (2019)** – *Author*
  - 🏆 **Sultan Qaboos Award for Culture, Arts, and Literature (2016)** – *Co-Author*
  - 🏆 **Rashid Bin Hamid Award for Culture & Science (1998)** – *First Place in Poetry*
  - 🏆 **Second Place in Poetry** – *Cultural Week for Universities of the Gulf Cooperation Council, Sultan Qaboos University (1997)*
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## Articles & Research Studies

- “**The Sun on the Breakfast Table**” – *Science Magazine, July 2023, Oman Newspaper.*
- “**In the Conceptual Framework of al-Kindi al-'Omani**” – *Nizwa Magazine.*

- **“Creatures of Intellectual Contagion: Proposing the Model”** – *Al-Falaq Electronic Magazine*.
  - **“The Human as a Linking Animal”** – *Al-Falaq Electronic Magazine*.
  - **“The Phenomenon Across Conceptual Systems”** – *Al-Falaq Electronic Magazine*.
  - **“The Loss of Textual Pleasure”** – *Shorufat, Issue 143, Oman Newspaper*.
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## References

 Available upon request.