

# **ABDUL MALIK AL HASHMI**

## **MECHANICAL ENGINEER, B.ENG. (HONS), MIET, AMIMECHE**

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### **PROFILE**

B.Eng (Hons), MIET, AMIMechE with hands-on field experience across upstream operations and energy transition projects. Petroleum Development Oman approved Permit Applicant. Founder of SAWAED Initiative in UK. Core strengths include asset integrity, process safety, workface planning, digitization and innovation to boost reliability and uptime. Complemented by research on hydrogen pathways and contributions to a national SAF/LCAF roadmap; GPA 3.75/4 (University of Birmingham). Bilingual (Arabic/English), open to site or office roles.

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### **PROFESSIONAL EXPERIENCE**

#### **Field Mechanical Engineer, WPAI**

**Feb 2025 — Sept 2025**

South Oman, PDO Bahja/ Rima Cluster

- MIC contract (Worely / Arabian Industries Projects).
- Managed and executed 50+ on-plot jobs from FCP, PSBR, PSM, Integrity, Miscellaneous and Remediation Projects.
- Acted as AIP Discipline Head at Bahja/Rima cluster. (Supervised 180 employees; piping workshop, structural, painting and execution team)
- Apply permits (PDO-approved Permit Applicant).

#### **Technical Specialist , Civil Aviation Authority**

**Jan 2025 — Apr 2025**

#### **(Apprenticeship)**

Muscat

- Member at the national SAF/LCAF working group.
- Prepare the official white paper for the Oman SAF/LCAF roadmap.
- Member of the technical team at CAA Aviation Environment Protection Committee.

#### **Researcher (Apprenticeship), Oman Hydrogen Centre**

**Dec 2024 — Mar 2025**

Muscat

- Supported technical studies related to energy infrastructure, transmission, storage, and distribution systems.
- Modeled low-cost hydrogen delivery pathways (infrastructure options) for large-scale utilities.
- Delegated to participate in workshops with international technology providers (Siemens - Hydrogen Electrolyser Localization)

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### **INTERNSHIPS**

#### **Trainee Engineer , Oman Broadband**

**Jan 2025 — Feb 2025**

#### **Trainee Engineer , Engie STOMO (Barka 3 IPP)**

**Nov 2024 — Dec 2024**

#### **Trainee Engineer , Daleel Petroleum (Block 5)**

**Sept 2024 — Nov 2024**

#### **Trainee Engineer , Occidental Oman (Mukhaizna)**

**Jul 2023 — Sept 2023**

#### **Fast Futures Scholar , Shell UK**

**Apr 2022 — Aug 2022**

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### **EDUCATION**

#### **BEng Mechanical Engineering**

**2024**

University of Birmingham, United Kingdom

- GPA: 3.75/4
- Final Year Project: Techno-economic assessment of hydrogen production and infrastructure pathways for industrial decarbonization.

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## **AREAS OF EXPERTISE**

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Data-Driven Engineering & Monitoring	Digitalization of Mechanical Assets	Automation in Energy Facilities	Low-Carbon & Energy Transition Technologies
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## **CERTIFICATIONS AND LICENSES**

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<b>Asset Integrity Process Safety 6 Modules, PDO</b>	<b>Aug 2025 — Sept 2028</b>
<b>Designing Process Safety Barriers, PDO</b>	<b>Aug 2025 — Sept 2028</b>
<b>Engineering Process Safety Fundamentals, PDO</b>	<b>Aug 2025 — Jun 2028</b>
<b>Crane/Lifting Operations Supervisor, RTITB</b>	<b>May 2025 — May 2028</b>
<b>Safety in Slinging and Signalling , RTITB</b>	<b>May 2025 — May 2028</b>
<b>CPR/AED/First Aid, American Heart Association</b>	<b>Aug 2025 — Aug 2027</b>
<b>PDO Permit to Work Signatory, PDO</b>	<b>Aug 2025 — Aug 2028</b>
<b>Environmental Awareness, OPAL</b>	<b>Aug 2025</b>
<b>SCBA &amp; Confined Space, OPAL</b>	<b>Aug 2025 — Aug 2028</b>
<b>Authorized Gas Tester L2, OPAL</b>	<b>Aug 2025 — Jul 2028</b>
<b>Health, Safety &amp; Environment Leadership L2, OPAL</b>	<b>Aug 2025 — Aug 2028</b>
<b>Defensive Driving Permits (Professional/Occupational), OPAL</b>	<b>Mar 2025 — Apr 2028</b>
<b>NORM, OPAL</b>	<b>Aug 2025 — Aug 2028</b>
<b>Chemical Handling Management, OPAL</b>	<b>Aug 2025 — Aug 2028</b>
<b>HSE Induction and H2S, OPAL</b>	<b>Jan 2025 — Sept 2027</b>

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## **EXTRA-CURRICULAR ACTIVITIES**

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<b>Co-Founder of SAWAED initiative (Engineering Arms)</b>	
United Kingdom / Oman	
<b>Outreach mentor , University of Birmingham</b>	<b>Oct 2021 — May 2022</b>
Birmingham	
<b>Student Representative , University of Birmingham</b>	<b>Sept 2022 — May 2023</b>
Birmingham	
<b>EPS Student Ambassador , University of Birmingham</b>	<b>Sept 2023 — May 2024</b>
Birmingham	
<b>Member , IET, IMechE and BOS</b>	<b>Sept 2021 — May 2024</b>
United Kingdom	

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## **AWARDS**

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<b>Best Student Performers at Mechanical Design B , University of Birmingham</b>	<b>May 2024</b>
<b>Top 5% FastFutures Scholars (Shell UK), Avado UK</b>	<b>Aug 2022</b>

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## **LANGUAGES**

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English (Professional) , Arabic