

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.

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)

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

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.

AREAS OF EXPERTISE

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

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

EXTRA-CURRICULAR ACTIVITIES

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

AWARDS

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

LANGUAGES

English (Professional) , Arabic