



Ahmed Abdul Hussein Sarhan Al-Fatlawi

Petroleum & Gas Engineer · Basra, Iraq

eng@ahmedfatlawi.com · 07839453161

linkedin.com/in/ahmed-al-fatlawi-042250366 · ahmedfatlawi.com

PROFILE

Petroleum and gas engineer with fourteen months on the commercial edge of Iraq's oil and gas sector, running the Yokogawa product line: reading client specifications, selecting and quoting field instrumentation, and carrying offers through to contract signature with state operators and refineries. Now deepening the instrumentation and control side.

EXPERIENCE

Sales Engineer — Yokogawa line

Jun 2025 – Aug 2026

Scientific Solutions Company, Basra

- Held responsibility for the Yokogawa product line: field instrumentation and control equipment for oil, gas and refining clients.
- Prepared and issued more than 100 technical and commercial offers, on tenders reaching above US\$200,000.
- Visited client sites at ROO, SRC, IOTC and MRC to follow up quotations, resolve technical specifications with end users, and carry contracts through to signature.
- Translated process requirements into instrument selection — pressure, temperature, level and flow — rather than quoting from the catalogue alone.

Operations Coordinator

Nov 2021 – Dec 2022

AlADDA Company for Oil Services, Basra

- Acted as the link between the office and field supervisors — daily reports in, instructions out — while studying full time for the engineering degree.

EDUCATION

Bachelor of Petroleum and Gas Engineering

Graduated 2025

Basrah University for Oil and Gas

- Graduation project: Formation Integrity Test — the pressure test run after a casing string is cemented, confirming the shoe and exposed formation will hold the mud weight planned for the next hole section.
- The study covered how the test is planned and executed, how the result converts into an equivalent mud weight, and how that figure becomes the working pressure limit for the section below — including what it means when a formation fails to hold.

CERTIFIED TRAINING

Instrumentation	PE Academy, Sep 2025 — 12 hours. Overview, pressure and temperature transmitters, level, flow, P&ID.
HSE	South Refineries Company, Jan 2026 — 20 hours. Working at heights, H2S hazards, firefighting, fire safety, risk assessment.
Wireline logging	PE Academy, Jul 2025 — 12 hours. Open vs cased hole, gamma ray, resistivity, neutron/density, CBL/VDL, PLT.

IN PROGRESS

Siemens PLC	Programmable logic controllers — programming and control fundamentals.
IELTS	Preparing for certification.

SKILLS

Instrumentation	Pressure, temperature, level and flow measurement; P&ID reading; specification-to-instrument selection; Yokogawa product line.
Commercial	Specification review, offer preparation, pricing, tender submission portals, client follow-up, contract closing.
Engineering	Formation integrity testing, wireline log interpretation basics, Aspen HYSYS.
Self-driven	Building instrumentation and control knowledge outside formal training — measurement principles, control loops and PLC fundamentals — using AI tools to accelerate technical research and specification comparison.
Software	Aspen HYSYS, Microsoft Office, client procurement and tender submission portals.
Languages	Arabic — native. English — proficient, including technical documentation and client correspondence.