

ALI ADIL SADDAM

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Basra, Iraq

Mechanical Engineer | QA/QC Piping Inspector | ASNT Level II NDT | Oil & Gas Maintenance Specialist

Summary

Master's Degree holder in Mechanical Engineering with a strong academic background and extensive practical experience in Oil & Gas and industrial projects. Experienced in applying mechanical engineering principles, preparing technical documentation, and working with international engineering codes and standards. Passionate about teaching and academic development, with the ability to explain complex engineering concepts clearly and effectively. Seeking a teaching position in a reputable university where I can contribute my academic knowledge, practical engineering experience, and commitment to student learning and professional development.

Education

MSc in Mechanical Engineering (Energy Conversion) - Azad University, Tehran, Iran: 11 July 2023.

B.Sc. in Engineering Mechanical Engineer, Basra University – Iraq October 2015.

Skills

◆ Technical Skills:

- Mechanical Engineering Principles
- Engineering Analysis & Problem Solving
- Teaching & Technical Presentation
- Technical Communication
- Research & Academic Development
- Engineering Drawing & AutoCAD
- Piping Engineering & Inspection
- QA/QC & Quality Control
- Non-Destructive Testing (NDT)
- Welding Inspection & Inspection Procedures
- Technical Documentation & Reporting
- International Codes & Standards
- Project Coordination & Team Leadership
- Primavera P6
- Microsoft Office

CERTIFICATES :

- QA/QC Piping & Hydrostatic Testing: 29/9/2025
- Level II - ASNT (NDT) 05/09/2025
- Primavera P6 20/01/2026

Experience:

TEACHING EXPERIENCE

Technical Institute — Lecturer / Instructor

- Delivered lectures in Mechanical Engineering and related technical subjects.
- Explained theoretical concepts and practical engineering applications to students.
- Prepared lecture materials and supported students in understanding engineering principles.

Technical Engineering University — Lecturer / Guest Lecturer

- Delivered academic lectures in Mechanical Engineering subjects.
- Provided students with theoretical and practical explanations of engineering topics.
- Assisted students with technical problems, assignments, and engineering applications.

Private Engineering Tutoring — Engineering Instructor

- Provided private academic lectures and tutoring for undergraduate engineering students.
- Supported students in understanding complex mechanical engineering concepts and solving engineering problems.
- Prepared customized lessons according to students' academic requirements.

SUBJECTS / COURSES TAUGHT

- Engineering Mechanics
- Thermodynamics
- Heat Transfer
- Internal Combustion Engines (ICE)
- Fluid Mechanics
- Power Plant Engineering
- Engineering Mathematics
- Applied Mathematics & Numerical Analysis
- Engineering Design
- Mechanics of Materials
- Materials Science
- Mechanical Vibrations
- Air Conditioning, Refrigeration & HVAC
- Renewable Energy
- Engineering Management & Economics
- AutoCAD & Engineering Drawing
- Computer Applications
- Fundamentals of Engineering

TRAINING

- Occupational Safety & Health Supervision (OSHA)
- Construction Safety Management & Supervision
- Accident Investigation & Safety Leadership
- Personal Protective Equipment (PPE) & Lifesaving Equipment
- Fall, Ladder, Stairway, Scaffold & Confined Space Safety
- Heat & Cold Stress, Ergonomics, and Materials Handling Safety
- Hazard Communication, Struck-By, Caught-In/Between & Biological Hazards