

Ahmed

Padua (PD), Veneto, Italy

Professional Summary:

As a graduate of the Management Engineering program at the University of Padua (UNIPD) with a final mark of 110L/110, I have cultivated a comprehensive understanding of advanced subjects such as project management, energy management, and quality management.

Additionally, my professional background includes significant experience in mechanical engineering and project management.

This dual expertise equips me with the ability to effectively apply theoretical knowledge and practical experience to accomplish assigned tasks with precision. Whether working autonomously or as part of a collaborative team, I consistently demonstrate a strong aptitude for problem-solving and contribute positively to achieving organizational objectives. With a track record of success in both academic and professional realms, I am confident that I am a valuable addition to any company seeking a dedicated and versatile management engineer.

LANGUAGES:

- ARABIC (Native Speaker)
- English (C1)
- German (B2)
- Italian (A2)

EXPERIENCE

Project Engineer

Jun 2023 – Feb 2024

CFA SRL General Contractor, Padova, Veneto

Website: <https://www.cfasrl.eu/>

- Estimated Cost and prepared detailed BOQ for more than 5 big projects.
- Developed the Thermal Model using different software for more than 200 apartments.
- Evaluated and managed Tenders
- Managed the budget of 3 projects.
- Being in charge for 2 project expenses and changing orders.
- Project Management (110% super-bonus Projects)

Mechanical Engineer

Feb 2019 - Nov 2021

Murtada Maaz Consultant, Khartoum, Sudan

Website: <https://murtadamaaz.com>

- Completed the design of mechanical systems for more than 30 projects and provided the technical drawings (2D and 3D) and BOQs (residential, commercial, industrial, and health care facilities).
- Held discussions and ideas-sharing sessions with national and international clients and collaborators.
- Participated actively in all phases of the 30 projects, starting with the concept design, and continuing through the development and detailing to the materials and bills of quantities.
- Designed, examined, inspected, and oversaw the testing and commissioning of mechanical components and systems (including plumbing, firefighting, and HVAC) in accordance with national and international standards (ASHRAE, IPC, NFPA).
- Participated in the scheduling and evaluation of the technical and budgetary proposals from contractors and subcontractors for more than 15 projects.

EDUCATION

Master of Science (M.S.) - Engineering Management

Oct 2021 - Mar 2024

Università degli Studi di Padova (UNIPD), Vicenza

Average Mark (GPA): **110L/110**

Graduation Thesis: ENERGY MODELLING AND SIMULATION FOR INDUSTRIAL ROBOTS

Bachelor of Engineering (B.E.) - Mechanical Engineering

Sep 2013 - Dec 2018

Sudan University for Science and Technology (SUST), Khartoum

Graduation Thesis: CFD ANALYSIS OF AIR-CONDITIONING SCROLL COMPRESSOR

SOFTWARE SKILLS

- Microsoft Excel
- MATLAB
- AUTOCAD
- REVIT
- TERMOLOG
- TERMUS
- QLIK

PERSONAL SKILLS

- COMMUNICATION
- TEAMWORK
- ADAPTABILITY AND FLEXIBILITY
- PROBLEM SOLVING
- TIME MANAGEMENT
- LEADERSHIP
- NEGOTIATION
- CUSTOMER FOCUS
- POSITIVE RELATIONSHIPS WITH COLLEAGUES, MANAGERS, AND CLIENTS
- TECH SAVVY