

Abobakr Abdelgader

Mechanical Engineer

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▪ **Objective:**

- I am a motivated Mechanical Engineer with 5 years of experience seeking a challenging career opportunity in a prestigious company where my education and experience will be utilized and developed.

▪ **Experience**

WAMEST Construction and MEP Mechanical Engineer – Technical Office

Riyadh, KSA
(Apr 2023 – NOW)

▪ **Projects:**

- IHG VOCO Hotel (Scope of Hotel, Ballroom, Restaurant and Landscape)
- Jawharat Mall-Riyadh (Scope of Retails, Kiosks, and Infrastructure Work)
- Al Hajjaj Office Building (Scope of 3-story Offices)

DIGITAL CONSTRUCTION CO ltd Mechanical Engineer

Buraydah, KSA
(May 2023 – Mar 2024)

▪ **Projects:**

- Buraydah-ISTP2. Buraydah. (Sewage treatment Plant consisting of administration building, Electrical main room, ...etc.).
- Madinah-ISTP3. Madinah. (Sewage treatment Plant consisting of administration building, Electrical main room, ...etc.).

▪ **Responsibilities:**

- Leading technical office activities for mechanical works including Plumbing, HVAC, and Firefighting systems.
- Preparing and review AutoCAD – Revit shop drawings of Plumbing, HVAC, & Firefighting Systems.
- Prepare and review material submittals, Site clarification request, Bill of quantity, and Payment Plan.
- Review work in Building Information Modeling (BIM).
- Coordinate work with other project disciplines.
- Oversight of the activities of drafters.
- Contact with suppliers to obtain Commercial offers and conducting price comparisons.
- Performing material take-off, cost estimation, and participation in tendering processes.
- Reviewing purchase requests to ensure compliance with project specifications and approved Materials.

Tekno Consultancy Mechanical Design Engineer

Khartoum, Sudan
(Jan 2022 – Jan 2023)

▪ **Design Projects:**

- Vocational training center. (Al Fasher & Al Genina)
- Mecca eye complex. Khartoum, Sudan.

▪ **Responsibilities:**

- Prepare detailed design and coordinated drawings for Plumbing, HVAC, and Firefighting systems adhere to international codes and standards such as IPC, UPC, NFPA, ASHRAE, and SMACNA.
- Perform Cooling and Heating load estimation using hourly analysis program (HAP)
- Perform Mechanical calculations for Plumbing, HVAC, and Firefighting systems.
- Prepare Bill of Quantity for mechanical systems.

PETRA AIR CONDITIONING

AC Sales Engineer

Khartoum, Sudan
(June 2021 – Dec 2021)

▪ Responsibilities:

- Searching for new clients and projects for the company.
- Conducting presentations for clients, illustration company's Products.
- Estimating, designing, and selecting the appropriate air conditioning system as per client request.
- Establishing sales plans with fellow team members.

University Of Khartoum

Teaching Assistant

Khartoum, Sudan
(June 2021 – Sep 2021)

▪ Responsibilities:

- Prepare Tutorials and assignments for HVAC Course.
- Helping Students to fully understand the course by explaining complicated topics.
- Assist the instructor in preparing tutorials, assignments and determining student's grades.

Personal Information:

- Date of birth 16 - 07 – 1997
- Nationality Sudanese
- Marital Status Single

Academic Qualifications:

- Bachelor's degree in mechanical engineering from University of Khartoum with First Class Honor Graduation year 2020.

Courses and Internships

- Building services engineering (MEP) – 600 hours
- Firefighting & fire alarm systems Design.
- HVAC (air conditioning) systems Design.
- Plumbing systems Design.
- Introduction to BIM.
- Design using Revit MEP.

Soft Skills:

- Good team management Skills.
- Motivated by challenges and self-motivated
- Ability to multi tasks.
- Ability to learn independently
- Good problem-solving skills.

Skills:

- AutoCAD
- Revit MEP
- Navisworks Manage
- MS Office
- HAP
- Elite Fire
- Pipe & Duct sizer.

Reference:

Available Upon Request.