

Osama Aljamal

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EDUCATION

Ondokuz mayis University

B.S. in Mechanical Engineering

Samsun, Türkiye

September 2018 - June 2024

- **Concentrations:** Design and Manufacturing, Thermofluids and Heat Transfer , Dynamics and Vibration.
- **GPA:** 2.76/4.00

Related Coursework: CAD/CAM, Product Design, Industrial Design, Thermodynamics, Fluid Mechanics Heat Exchangers, HVAC Systems,Control Systems, Hydraulic Circuit Design, Machine Dynamics, Static & Dynamic Loading.

EXPERIENCE

Özınan asansor san. Tic. Ltd .şti

Mechanical engineer

Samsun,Turkiye / On-site

April 2023 – September 2023

- assisted in the design and maintenance of elevator systems, utilizing SolidWorks to create and modify mechanical components.
- I supported the installation of motors, pulleys, and guide rails while conducting routine inspections to ensure system safety and functionality. Working closely with senior engineers, I helped troubleshoot mechanical issues and performed diagnostic testing on key components, ensuring compliance with safety regulations. Additionally,
- I contributed to quality control checks, documented technical reports, and maintained detailed records of maintenance activitie

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Mechanical engineer

Samsun, Turkiye/ On-site

August 2024 – November 2024

- Designed precision mechanical components tailored for CNC milling and turning processes using CAD software (e.g., SolidWorks).
- Created detailed 3D models and 2D technical drawings with accurate tolerances and GD&T for manufacturing.
- Collaborated with CNC machinists to ensure designs were optimized for tooling, material selection, and machinability.
- Participated in design reviews and revised models based on feedback from the production floor.
- Ensured compliance with design standards and supported quality assurance with clear documentation and design specifications.

Allied Technology & Services

Site engineer

Jeddah, Saudi Arabia/ On-site

February 2025 – April 2025

- Checked technical designs and drawings for adherence to standards.
- Coordinated with subcontractors ensuring their work met project specifications as well as monitored their progress towards completion deadlines.
- Managed on-site resources effectively, including personnel allocation, equipment utilization, and material storage to ensure smooth project progression with minimal downtime.
- Created work schedules and adjusted as needed to meet project deadlines and keep shifts properly staffed.
- Installed new heating, ventilation, and air conditioning systems in residential and commercial buildings with precision and attention to detail.

SKILLS

Technical Skills : 3D CAD Design (SolidWorks, AutoCAD) , Hydraulic & Pneumatic Systems.

Software Proficiency: SolidWorks , AutoCAD, Draftsight , ANSYS ,MS office.

Soft Skills: Team Collaboration, Technical Communication,Attention to Detail, Project Management, Time Management,Adaptability.

Certificates

- **SCE (Saudi council of engineers) membership No:1110681**
- **Certificate of completion: SolidWorks (06/2023)**