

ENG. Abdulaziz Saad AlThobaiti

Address: Jeddah – Al-Nahdah dist.

Date of birth: 22 May 2002

E-Mail: abdulazizalthobaiti653@gmail.com

Mobile: 0530473200.

Education:

- **Bachelor Degree of Mechanical Engineering** - University of Jeddah, GPA: 4.04 out of 5. (2020 – 2025).

Work experience:

Bayt Alkhibra for Engineering Consultants (BKEC) — *Oct 2025 – Present*

- Serving as a Mechanical Consultant Engineer involved in several projects for the National Water Company (NWC), with the Lift Pump Station Project being the largest and most technically significant.
- Reviewing and evaluating mechanical systems, including pumps, piping networks, and HVAC equipment.
- Supporting design coordination, technical reviews, and site supervision to ensure compliance with project requirements.
- Assisting the consultant team in preparing technical documentation and resolving design-related issues.

Trainee Engineer – Summer Training

Maintenance and Operations Department, University of Jeddah — *Jun 2024 – Aug 2024*

- Worked on large-scale HVAC systems, including chillers and package units.
- Assisted in the operation, maintenance, and troubleshooting of mechanical systems.
- Applied mechanical principles in practical engineering environments.
- Participated in preventive maintenance activities **and** equipment inspections to improve system reliability and efficiency

Training Courses:

- **English Language Course** – Stafford House, Canterbury, UK, 2019
- **Renewable Energy & Power Evacuation** – L&T EduTech, Online, 2025
- **SOLIDWORKS 3D CAD for Education Specialization** – Dassault Systèmes, Coursera, 2025
- **AI for Design and Optimization** – University of Michigan, Online, 2025
- **Energy Production, Distribution & Safety Specialization** – University at Buffalo (SUNY), Coursera, Online, 2025
- **CNC Programming with CNC Simulator Pro** – GaugeHow Mechanical Engineering, Online, 2025
- **Complete Guide on Design of Solar Power Plant for Beginners** – Online, 2025
- **Gas Turbine and Auxiliaries in Power Plants** – Online, 2025
- **Data for Analysis with Microsoft Excel** – Microsoft, 2025
- **Digital Manufacturing: Introduction and Smart Design** – L&T EduTech, Online, 2025
- **Introduction to Project Management** – IBM, 2025
- **Piping Fabrication with Isometrics** – Oil & Gas, Mechanical, Online, 2025
- **Fundamentals of Mill and Lathe Machines** – CNC Tech, Online, 2025
- **Finite Element Analysis Training: Altair Hypermesh & Abaqus** – Online, 2025
- **Valves: Principles, Operation & Designs** – WR Training, Online, 2025

Elective Courses:

- Renewable Energy.
- Advanced Manufacturing Technology.
- Composites of Materials.

Skills:

- Expert in 3D Solid work.
- Expert in Quality Management
- Expert in Excel, Outlook, Word
- Engineering Change Management.
- Public speaking.
- Teamwork & Communication