

ENG. Abdulaziz Saad AlThobaiti

Address: Jeddah – Al-Nahdah dist.

Date of birth: 22 May 2002

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Education:

Bachelor Degree of Mechanical Engineering - University of Jeddah, GPA: 4.06 out of 5.
(2020 – 2025).

Licenses & Memberships:

Saudi Council of Engineers – Professional Membership (Engineer Category)
Mechanical Engineering Specialization

Work experience:

Trainee Engineer – Summer Training Maintenance and Operations Department at University of Jeddah Jun 2024 – Aug 2024

- Participated in the evening shift operations, responding to maintenance requests across the campus, with the majority of tasks involving HVAC systems.
- Trained on key air conditioning systems including 40 TR package units and air-cooled chillers (400 TR, 500 TR, 375 TR capacities).
- Gained hands-on experience in installation, maintenance, and troubleshooting of air conditioning systems.
- Applied mechanical engineering principles in real-world scenarios, including air conditioning systems, thermodynamics, pumps and hydraulics, and fluid mechanics.
- Conducted troubleshooting of electrical systems (DC and AC), integrating interdisciplinary knowledge for fault diagnosis.
- Developed logical problem-solving skills for technical challenges and implemented effective maintenance solutions.
- Ensured compliance with safety protocols, including PPE usage, hazard identification, and safe handling of mechanical and electrical components.

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.
- Complete Guide on Design of Solar Power Plant for Beginners – Online,

Elective Courses:

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

Skills:

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