

# Ahmed Abdullah Badubayyan

## Mechanical Engineer

Email: [Ahmed.Badubayyan@gmail.com](mailto:Ahmed.Badubayyan@gmail.com) | Ph: [+966550747653](tel:+966550747653) | LinkedIn: [Ahmed Badubayyan](#) | Saudi Arabia

### ROFILE

---

Dedicated mechanical engineer with an excellent knowledge in electromechanical systems. Interested in design and project management. Having a good background of important Saudi and international codes such as NFPA, ASHRAE, IPC, SBC 701, SBC 702 and SBC 801. Adept at leading teams and motivating workers. During my professional life, I have accomplished many of the tasks assigned to me with perfection and I was always trustworthy. Passionate to work within a professional work environment. Seeking a challenging role to use my skills and knowledge to contribute to the development and success of the company.

### EDUCATION

---

**Bachelor of Science in Mechanical Engineering | GPA: 4.85 out of 5 | First Class Honors | Top graduate in Dept.**  
King Khalid University (KKU) – Abha, Asir Province, Saudi Arabia. *Feb 2018 – Nov 2022*

**Graduation Project:** Solar-powered refrigeration system, extracts drinkable water from atmospheric air, Grade: +A

### WORK EXPERIENCE

---

- HVAC Engineer** at Marsa Al-Taqat Company for HVAC and Duct Works. *Nov 2024 – Feb 2025*
- Site Engineer** at Al-Sufyani Company for Security and Safety Systems. *Nov 2023 – Oct 2024*
- Mechanical Engineer Intern** on Mechanical Systems at King Khalid University. *Jun 2022 – Aug 2022*
- Leader and Supervisor** at Al-Nokhbah Educational Club for Youth Development. *Mar 2013 – Jul 2021*
- Salesperson and Accountant** at Saudi Thobe Store for Men's Clothing. *Apr 2015 – May 2020*

### COURSES AND CERTIFICATIONS

---

- Comprehensive course for mechanical engineer, with 60 training hours. The course explained the role of mechanical engineer as a technical office engineer, site engineer and consulting engineer in MEP systems.
  - HVAC Course** according to **ASHRE** Code and **SMACNA** Code. Utilization **HAP & Duct Sizer**. *24 hours*
  - Firefighting** Course according to **NFPA** Code and Saudi Code **SBC 801**. Utilization **Elite Fire**. *20 hours*
  - Plumbing** Course according to **IPC** Code and Saudi Codes: **SBC 701** and **SBC 702**. *16 hours*
- BIM Course** - Autodesk Certified Certificate in using **Revit** to make BIM and Coordination for **MEP**. *40 hours*
- Self-learning courses, such as **AutoCAD** Course, **SolidWorks** Course and **3D** Printing Course.

### HARD SKILLS

---

- Technical evaluation.
- Testing & Reporting.
- CAD / CAM Software.
- MATLAB & Python.
- Design & Documentation.
- Data analysis & AI.
- Visualization.
- Shop drawing.
- MS Office: Word, Excel, PowerPoint.

### SOFT SKILLS

---

- Teamwork & Collaboration.
- Negotiation & Persuasion.
- Flexibility & Adaptability.
- Support & Motivation.
- Learnable & Self-learning.
- Leadership.
- Problem solving.
- Time Management.
- Communication.
- Analytical thinking.

### LANGUAGES

---

- English (Advanced).
- Arabic (Native).

### MEMBERSHIPS

---

- SCE: 1046200
- ASME.

### REFERENCES

---

- Associate Prof. Dr. Saad Ayed Al-Shahrani.  
Email: [saadayed@kku.edu.sa](mailto:saadayed@kku.edu.sa) Ph: [+966500608085](tel:+966500608085)