

Ghada Musabeh

BMS Engineer

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Riyadh, Saudi Arabia

EXPERIENCE

06/2023 - Present

BMS Design Engineer

Quality Systems

- Contributed in many major BMS projects in Saudi Arabia, ranging from small villas to shopping centers.
- Implemented solutions using industry-leading controllers, including: ABB Cylon and Honeywell Trend.
- Created detailed Flow Diagrams and Single Line Diagrams to streamline project execution and operational understanding.
- Designed and drafted customized DDC Panels using AutoCAD, meeting precise project specifications.
- Developed comprehensive Sequence of Operation (SoO) documents and Operator Manuals to facilitate seamless system handovers.
- Ensured compliance with industry standards and best practices in all engineering documentation.
- Programmed and configured BMS systems using advanced tools and software, such as: ABB CXPro HD and Trend IQset
- Participated in project meetings, workshops, and presentations with consultants and clients to ensure alignment with project goals and deliverables.

12/2022 - 05/2023

Pre-Sales Engineer

Smart Automation Arabia

- Collaborated with the sales team to understand client requirements and develop customized BMS proposals that meet technical and budgetary needs.
- Supported the sales process by preparing and delivering accurate cost estimates, project timelines, and scope-of-work documents.
- Proposed Solutions using Delta Controllers and modules.

EDUCATION

05/2017 - 12/2022

University of Jordan

Bachelor's Degree in Mechatronics Engineering

SKILLS

AutoCAD

MATLAB

Microsoft Office

LANGUAGES

Arabic

Native

English

Fluent