

Holds a B. Sc. in Industrial Electronics & Automatic Control Engineering and has over 8 years experience working in automation field. Responsible for implementation of BMS system like programming HVAC system such as chillers & cooling towers AHUs, Exhaust fans, ...etc. using CARE program (Honeywell Software), made commissioning & start-up for them and prepare workstation with graphic user interface using Arena NX software or Symmetry (Honeywell Software's).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/04/1990
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linux

TRAINING COURSES AND CERTIFICATIONS

: Arena NX Certification from Honeywell.
: Automatic control.
: Microcontroller using C.
: Aip (automation industrial process).
: Basic Plc Siemens "S7-300".
: Training for 3 weeks in Petrojet Company.
: Training for 2 days in Siemens Company.
: Training for 7 months in Toshiba Company.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2015 till now
- Employer** : Automationology Company (an authorized Honeywell Building Control Integrator)
- Projects** :
- Mall of Egypt
 - Cairo Airport Upgrade
 - Hilton Hurgada
 - Sabil Post Office
 - Diplomats Club
 - Sharm El-Sheikh Museum
 - Hurgada Mercure Hotel
 - Haikstep Datacenter
 - Gems School
 - Ahl Misr Hospital
 - Complex Ramsis
 - Cyclotron (International Medical Center)
 - Passport Building
 - El-Qasr Eleiny Hospital
 - Egyptian Public Prosecution
 - Pearl Office
 - Haram Hospital
 - Assiut Hospital
 - Qena Datacenter
 - Elsewedy University Phase 1 & 2
 - Goethe Institute
- Job Description** :
- BMS Team Leader (from Sep. 2021 till now):
 - Responsible for team management and undertaking all technical responsibilities for the delivery of engineering.
 - Review the project technical documentation and the contractual requirements.
 - Identifying problems and shortcomings with designed systems.
 - Prepare all test sheets and commissioning documentation.
 - Supervise site installation and commissioning activities.
 - Providing technical guidance to the team.
 - Attending assigned projects technical meetings required accomplishing installation phase.
 - Preparing and submitting reports to Technical Manager.
 - Providing technical support to team members.
 - Train project engineers on programming, testing and commissioning activities.
 - BMS Technical Support (Mar. 2020 – Aug. 2021):
 - Support pre-sales team in the design phases.
 - Performing and submission of all documentations and drawings that have to be approved by consultant like method statement, sequence of operation, internal wiring diagrams, etc.
 - Follow up assembling LCPs.
 - Attend technical meetings with main contractor, consultants or clients as may be required.
 - Supervising daily operations in the site, installation and termination of Field devices.

- Preparation DDCs controller's programs that control mechanical, electrical equipment, etc.
- Performing all programming activities for the DDC controllers as per approved sequence of operation to meet client and consultant requirements.
- Performing software interface with 3rd party equipment's like BACnet, Modbus, M-bus, ...etc.
- Handover BMS system to the consultant/owner and get approvals as per approved design.
- Training activities to the maintenance staff to be able to use the system easily.
- Preparation handover documents like as built internal wiring drawings, programmed sequence of operation, O&M manuals, ...etc.
- BMS Maintenance Team Leader (Jan. 2019 – Feb. 2020):
 - Schedule for PPM of BMS Controllers.
 - Distribute and Assigned technician to do their daily task.
 - Planning for activities, manpower and materials needed for the next day.
 - Supervise the technical teams working on site.
 - Coordinate activities by scheduling work assignment and setting priorities.
 - Follow up technician & shift leaders.
 - Assist and provide support Engineer for preventive & Corrective Maintenance activities.
 - Ensure that all resources (human, physical) are utilized with high performance.
 - Preparation of Daily report and monthly report.
 - Make sure the completion of PPM schedule.
- BMS Maintenance Engineer (Nov. 2017 – Dec. 2018):
 - Maintain all BMS panels in Mall of Egypt.
 - Perform Periodic & Reactive maintenance of BMS.
 - Making progress reports on daily, weekly and monthly basis.
 - Make PPM schedules.
 - Troubleshoot field devices and supervisory controllers for any abnormal function.
- BMS Project Engineer (Dec. 2015 – Oct. 2017):
 - Implementing of building management system from scratch.
 - Revising LCPs wirings diagrams.
 - Revising shop drawings.
 - Supervision of installation and termination of field devices used for HVAC systems.
 - Programming Honeywell controllers of HVAC applications using care & coach Software's.
 - Programming LCPs that serve AHU, chillers & cooling towers, ...etc. using care Software.
 - Programming FCU, VAVs, ...etc. using coach (Honeywell Software).
 - Checking all the wiring from DDC panel to Field devices.
 - Loop checking activities of the DDC Controller to the control room.
 - Commissioning of different types of field devices like Chilled water temperature sensor, Air temperature sensor, Damper & valve actuators, CO sensors, DPS, ...etc.
 - Attend technical meetings with main contractor, consultants if

required.

- Analyze and resolve work problems, or assists project workers in solving work problems.
- Performing software interface with 3rd party equipment's like BACnet, Modbus, M-bus, ...etc.
- Making graphics and integrate with other systems using Arena NX or Symmetry.

- Dates** : From Sep. 2014 till Nov. 2015
- Employer** : BASCO (Build Automation Service Company) (Honeywell System Integrator)
- Projects** :
- British Ramsis School (Nov. 2015):
 - Programming DDC using CARE Program.
 - Building BMS system for all AHUs using symmetre program.
 - Abu El Reesh Children's Hospital (from Aug. 2015 till Oct. 2015):
 - Installation of field devices on AHUs.
 - Termination and connection of field devices with DDC Panels.
 - Programming DDC using CARE Program.
 - Building BMS system for all AHUs using symmetre program.
 - Hikma Pharmaceuticals (from May 2015 till Jun. 2015):
 - Termination and connection of field devices with DDC Panels.
 - Programming DDC using CARE Program.
 - Building BMS system for all AHUs using symmetre program.
- Job title** : BMS Project Engineer
- Job Description** :
- Revising LCPs wirings diagrams.
 - Commissioning of different types of field devices like Chilled water temperature sensor, Air temperature sensor, Damper & valve actuators, CO sensors, DPS, ...etc.
 - Programming Honeywell controllers of HVAC applications using care Software.
 - Making graphics and integrate with other systems using Symmetry (Honeywell Software).