Holds a B. Sc. in Electrical Power & Machines Engineering and has over 6 years of hands-on experience in different industries, with wide knowledge of both software and hardware engineering, DCS systems, testing and troubleshooting.

PERSONAL DATA

Nationality	**:**	Egyptian
Birth Date	**:**	13/09/1989
Gender	**:**	Female
Marital Status	**:**	Married

EDUCATION

	:	B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2011

LANGUAGES

Arabic	**:**	Native Language
English	**:**	Excellent

COMPUTER SKILLS

	:	Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates	**:**	From Jul. 2012 till now
Employer	**:**	Schneider Electric (Invensys)
Projects	**:**	• TESSIDE Power Plants, UK (2017-2018)
		• KPONE Power Plant, Ghana (2016-2017)
		• AL-SHABAB Power Plant, Egypt (2015-2016)
		• China Nuclear Power Plants, China (Fujian - Hainan - Fangjiashan) (2012-2014)
Job title	**:**	Senior DCS Project Application Engineer
Job Description	**:**	• Designing, Configuring, Integrating and implementing of process control solutions for FOXBORO DCS systems and HMI packages using Foxboro Control Software (FCS) Software engineering & IACC software.
		• Interpreting customers' requirements into Functional design specification (FDS), Software Requirements specifications (SRS) and software design description (SDD).
		• Configuring and reviewing HMI Displays using FoxDraw and InTouch software.
		• Creating Control loops and templates, bulk generation, propagation.

- Designing and reviewing hardware for system, marshalling, power distribution cabinets, power drawings design and detailed cabinet layout drawings.
- Performing Pre-Factory acceptance test and Factory acceptance test (FAT) activities and preparing bug reports.
- Duplication of similar units.

Technical Skills:
- Foxboro I/A Software V8.x (ICC, IACC, System Definition, ICCDRVR.tsk) Foxboro EVO (FCS configuration tools).
- HMI configuration using FoxDraw & InTouch.
- Foxboro Triconex Software and Hardware.
- Creating loops and templates, bulk generation, propagation.
- Discrete and Continuous control configuration.
- Sequential SFC control.
- Direct Access scripting.
- System Manager and Alarms Configuration.
- FDSI Configuration.
- Fair knowledge in UNIX commands.
- Software Pre-FAT.and FAT Activities.
- Preparing testing Documents.
- Loading CPs with the project compounds and troubleshooting the download errors and problems.
- Reviewing and testing the software and control HMI.
- Cabinets design.