

RÉSUMÉ



PERSONAL:

Name: Jamal Beiza
Date and place of birth: 1979-Tabriz-Iran
Marital status: Married
Military service status: Completed
Health status: Normal
Nationality: Iranian

EDUCATION:

M.Sc. in Electrical Eng.	Amirkabir University of Technology (Excellence on Power Engineering) www.aut.ac.ir	Tehran-Iran	2001-2003
B.Sc. in Electrical Eng.	Tabriz Azad University www.iaut.ac.ir/	Tabriz -Iran	1997-2001

ACADEMIC THESES:

The Degree of M.Sc.	Design & Manufacturing Of Power Quality Meter Based on TMS320C25 DSP.	2001-2003
The Degree of B.Sc.	Design & Manufacturing Of the compatible to PC Triac Card.	1997-2001

WORKING EXPERIENCE:

ITA CO., (Information Technology Architects) 2015-Now

- **Hakim (Shohadae gaze) Tunnel SCADA system Project.**
 - 1- Expert in Urban Area Tunnels SCADA system
 - Preparation Emergency response plan of the Hakim tunnel include 28 scenarios (a document with more than 220 pages).
 - Familiar with Emergency/Normal ventilation scenario of the tunnel.
 - Familiar with Emergency/Normal lighting scenario of the tunnel.
 - Familiar with Emergency power scenario of the tunnel.
 - Familiar with operation of 25 subsystems in the tunnel include as: ventilation system, CO, visibility and velocity sensor, AID system, CCTV system, traffic sensors system, weather forecasting system, cross passenger ventilation system, Fire alarm system (LHD & point detector), emergency road side telephone system, dewatering system, fire fighting system, public addressing system, emergency exit navigation system, UPS & charger system, diesel generator system, LAN system, LV & MV systems.
 - 2- Esfahan Regional Electric Co. Master Regional Dispatching Centre (RDC) Project.
- State Estimation(SE), Bad Data Detection(BDD), Topology Check(TC), Power Flow(PF), Optimal Power Flow(OPF), Short Circuit Analysis(SCA), Contingency Analysis (C.A), Short Term Load

Forecasting(STLF), Load Shedding Management(LSM),Reliability Evaluation and Operator Training Simulator(OTS).

- Esfahan Sub-Transmission Network Modeling and Data Base Generating in the PAS.
- Preparation PAS FAT documents.
- Preparation PAS SAT documents.
- Preparation PAS Training documents.\

IREEE CO., (Iran Electrical Equipment Engineering Co.)

2013-2115

- The supply of one 132/11kv substation located in Sarvak Azar Pet. Zone(in the south-West of Iran)- a project as E.P.C.
- Complete experience to Prepare: Data sheet, MTO(Material take off), MR(Material Requisition), TBE(Technical Bid Evaluation), PO(Purchase Order and other Basic and detail Technical Documents include as the following:

Nastaran Electric CO., (Engineering, Construction & trading Co. to service the Oil, Gas, Petrochemical Industries and Power Plants)

2008-2010

- The supply of 3 transmission lines and 4 substations located in Algeria-Houd Al Hamra Pet. zone- a project as E.P.C.C.
- Complete experience to prepare proof of bids, basic design and detail design in electrical engineering and related issues for the Oil, Gas, Petrochemical Industries and Power Plants.

ITA CO., (Information Technology Architects)
RTU/Instrumentation Engineer

2004-2007

- Fajr Petrochemical Company private SCADA interface System design.
- Hormozgan, Arak, Esfahan RDC SCADA interface design. Designing the related cubicle layout and the interface system.
- ABB RTU560 configuration, installation and operation.
- Areva RTU configuration, installation and operation.
- Microsol RTU configuration, installation and operation.
- Powering and Grounding system design for sensitive electronic equipment
- UPS & battery selection and installation

Fulman CO., (Engineering Procurement Contracting Of H.V Substations and Transmission Lines)

2003-2004

-Working with Control & Protection Department (L.V):

- Control, protection & measuring single line diagram design
- Front view panel & panel arrangement design
- Interlock Logic diagram design
- Trip Logic diagram design
- VT and CT calculation
- LVAC and LVDC calculation
- Schematic diagram design

Trans Post Pars CO., (Engineering Procurement Contracting Of H.V Substations and Transmission Lines)

2002-2003

- Working with Project Management Department

Niroo Research Institute (NRI) , Transmission and Distribution Department 2001-2002

- Preparing the Standards of Power System Distribution & Transmission Lines Include as: Engineering Standard of Cables, Insulators, Lightning Arresters, Fuse Cutouts & Conductors.

TRAINING COURSES:

Siemens, Working, Programming and Hardware Configuring with SIMATIC Step 7. Siemens-2010

A completed project include as:

- SIMATIC S7-300 CPU 315-2 PN/DP
- SIMATIC S7-300, LOAD POWER SUPP. PS 307, 120/230 V AC, 24 V DC, 5 A
- SICLOCK TM 24V GPSDEC PACKAGE FOR RECEIVING GPS
- SIMATIC DP, INTERFACE IM 153-1, FOR ET 200M, FOR MAX. 8 S7-300 MODULES
- SIMATIC S7-300, DIGITAL OUTPUT SM 322, OPTICALLY ISOLATED, 32 DO, 24V DC, 0.5A, 40 PIN, SUM OF OUTPUT CURRENTS 4A/GROUP (16A/MODULE)
- SIMATIC S7-300, CP341 COMMUNICATION PROCESSOR WITH RS422/485 INTERFACE
- SIMATIC NET, PB OLM/G11 V4.0
- SIMATIC NET, SCALANCE X206-1LD, MANAGED IE SWITCH,
- And So.

Siemens, Protection & Control System for SIPROTECH 4 Devices Siemens-2003
Include as:

- Installation and configuration of:
7SJ63, 7UT612, 7SD610, 7SA522
- Architecture of DCS Substation & Substation Automation based on SIPROTECH 4 Devices

ABB, Microscada System ABB-2006

- ABB RTU560 configuration, installation and operation
- Engineering of RTU560 using RTUtil NT software

COMPUTER SKILLS:

- Microsoft Office, AutoCAD, Electrical AutoCAD, MATLAB, PSCAD, ETAP, CYME, DlgSILENT, EMTP/ATP, PASHA, PSPICE, VBA.

SPECIALIZES:

- Substation schematic design automation using Electrical AUTOCAD and VBA.

It is used to ease:

- Wiring list documentation
- Cable list documentation
- Terminal and other components list documentation
- Bill of material documentation
- And so.

ADDRESS AND ACCESS:

Address: #15, Soayeh Alloy, Shahrn Ave, Tehran, Iran.
Telephone: +98-914-629-0397

E-Mail: jamalbeiza@gmail.com

REFERENCES:

Available Upon Request.