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Personal information:-

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-Marital status: married.

Profile Summary:

-Perform installation configuration testing and commissioning of communication equipment's (DVM-SDH-LAN/WAN - Media convertors - PSE.) - CCTV and security access control systems at 380/110kv substations,

- Installation configuration testing and commissioning of SAS (Substation Automation System), ABB Solutions (SAS 600 Series) and strong knowledge of (Siemens & ALSTOM) Vendors.

- Perform internal and external close loop tests of SAS to assure all signals are going to main control center perfectly.

- perform Overhead line protection of 380/110kv substations through PSE/TELEPROTECTION, and differential protection through the media converters and direct fiber.

- Perform installing, testing and commissioning of premised distribution systems (PDS) and all outside plant (OSP) and inside plant (ISP) telecom **infrastructure**, grounding Telecommunication Infrastructure.

- Installing and configuring SDH, DWDM, MPLS-TP infrastructures to provide services and perform commissioning of all works of SDH-OAM, OTN and fiber optics projects According to company specifications.

- FTTx testing using OTDR - power meter and commissioning, troubleshooting, maintenance and network assessment.

-Have very good handling and troubleshooting the Nokia Siemens (surpass hiT70xx series) - HUAWEI SDH OSN series (7500-3500-2500-1500) and good knowledge about ZTE, ERICSSON vendors.

-I have practical & field experience in control and electrical network projects.

- Management and coordinate to installing and commissioning projects.

-I have practical & field experience in Telecom Industry & Mobile/Fixed Networks in Vendor, Operator & Contractor environments as well as Operations & Maintenance field engineering and Roll-out side of the Networks.

- familiar with SIEMENS S7- 300/400 control systems configuring and maintaining SIEMENS SIMATIC MANAGER and WINCC/PC S 7 HMI and RTU /SCADA.

- Very good handling with safety polices and requirements.

-I am well organized highly motivated and I work well under pressure and enjoy working in a team, in addition I am reliable, flexible, and quick to learn.

Professional experiences:-

Telecom Maintenance field engineer at mazin and mazin for multi system co .ltd. (2010-2011).

Doing following responsibilities:

- install and configuring ERICSSON RBS (6000-3000-2000).
- Perform Installation, Testing, Commissioning, and Integration RBS 2000 & RBS 6000 Families.
- Fault Analysis that occurred in the Nodes.
- perform protective maintenance activity and corrective maintenance.
- Perform Initial Configuration and Integration of RNC (This includes formatting procedure and loading of SW).

Communication and control engineer at Sudanese hydro power generation co. ltd from 2011 to 1/1/2015

Doing following responsibilities:

- installing and configuring SDH and perform commissioning of all works of SDH projects according to company specifications.
- maintenance and troubleshoot Huawei SDH OSN series (7500-3500-2500- 1500).
- performing technical support to connecting between power plant and substations using (OPGW) over (SDH) structure.
- Maintenance and troubleshooting SCADA transmission nodes.
- performing technical support to SCADA (RTU&PLC) networks.
- supervise installations and configuration SDH structures by perform testing and commissioning procedure.

Shift in-charge engineer at Sudanese hydro generation co .ltd from 1/1/2015 to 16/8/2015

Doing following responsibilities:

Prepares shift breakdown and incident reports; Allotting workmen as per the requirement of job in different areas.

Issuing the work permits as per requirement of maintenance and as well as requirement towards operation side.

Following all safety measures during work permit line clearances

Fire Fighting and fire Safety hazards during emergencies.

Coordinate with all other departments all activities that are related to power plant operations during the shift and comply with safety rules and regulations.

Communication and SAS engineer at Saudi engineering group international co .ltd from 21 august 2015 till 30 august 2017,
Doing following responsibilities:

- Working with Saudi Electricity Company (EHV Projects Department WOA & SOA) as representative and consultant to check all materials and installations work is done as per Company standards and specifications also provide consultation works.
- Perform installation configuration testing and commissioning of communication equipment's (SDH, DXC, and DVM, LAN/WAN Routers and Switches).
- Installation configuration testing and commissioning of SAS (Substation Automation System), ABB Solutions (SAS 600 Series) and strong knowledge of (Siemens –ALSTOM) Vendors.
- Perform internal and external close loop tests of SAS to assure all signals are going to main control center perfectly.
- Perform installation configuration testing and commissioning of teleprotection /protection signaling equipment's (PSE).
- Perform installing, testing and commissioning of premises distribution systems (PDS) and all outside plant (OSP) and inside plant (ISP) telecom infrastructure, grounding Telecommunication Infrastructure.
- Prepare weekly Progress Analysis.
- Raise weekly Reports to top management.

Accomplishments:

- Full supervision and consultation of construction PETRO-RABIGH 380/110 KV BSP S/S.

Communication and control engineer at (WAFA) for Engineering and multi system co.ltd from 7/10/2017 to present.

Duties:

- Designing review.
- checking the RMI for material specifications, RFI for installation of telecom transmission and control systems, PDS, LAN/WAN equipment's - MPLS network - CCTV and security access control systems.
- Testing and commissioning of the systems.
- follow up and closing punch points with contractors.

- Markup drawing review.
- As built review.
- Provide engineering and consultation services for company clients.

Additional skills:-

- I have strong knowledge with (GSM) concepts: The radio network (BSS), the mobile switching network (SMSS), the management network (OMSS).
- I have good knowledge with (CDMA) concepts: UMTS- Basis station (Node B), Radio network controller (RNC), Radio network subsystem (RNS), UMTS mobile switching center (UMSC).
- Have knowledge for the Installation and configuration of Huawei 2G/3G (M) BTS 3900 Series.
- I am familiar with fiber optic and (SDH) protocol Transmission; including various SDH/PDH & ATM Solutions.
- Strong Knowledge about information technology concepts network construction and IP addressing.
- I have deep knowledge about CISCO equipment's routers and switches.
- Keen on working with Microsoft office and other applications.
- Speech English and Arabic fluently.
- Clean driving license.

Educations:

- I graduate in bachelor (BSc) of Electronic (telecommunications and control) Engineering from Gezira University.
- Engineering Accreditation certificate from Saudi council of Engineers membership no 252559.
- Power system protection training course at OMPOMA for advanced business LTD.
- Telecom Transmission technologies training courses in SDH Huawei series OSN (2500-3500-7500) and microwave (NEC) at exemplar center for engineering training and career development.
- Some technical courses in (generators- compressors- safety) at training center of national electricity corporation.

Referees:-

- General Manager at mazin and mazin for multi system co. ltd.
- Project manager at mazin and mazin for multi system co. ltd.
- Operator manager at jabel awliya power station hydro turbine.
- operation manager at sennar power plant.
- **Ahmad M. Siddiq Othman** Petro-Rabigh group leader from SAUDI ELECTRICITY, Act. Group Leader – S/Ss Projects Manager EHV projects department - WOA & SOA COMPANY, Email: amothman3@se.com.sa / Tel: +966126537356 / Mobile: **+966 505530738**.
- **Zaki Yosef Sodager** Petro-Rabigh project manager from SAUDI ELECTRICITY COMPANY, EHV projects department - WOA & SOA, Email: ZSodager@se.com.sa / Tel: **+9661 26537339 / Mobile: +966 504676104**.

- **Mazin Mohammed Al-Hafeez** Petro-Rabigh project engineer from SAUDI ELECTRICITY COMPANY, EHV projects department - WOA & SOA, Email: MMDiaa@se.com.sa / Tel+**966 12 6538572** / **Mobile:** +966 540605561.
- **Eltigani Mohmed Eltigani** project engineer EHV projects department - WOA & SOA, Email: 801383@se.com.sa Tel +**966 12 6576682 Ext.118**/ **Mobile:** +966 501861647.

Interests:-

Reading- teaching- Football- tennis.