

# KHALED HUSSEIN

Senior Telecom & Electrical Engineer

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**Telecom and Electrical engineer with almost 15 years of experience, both technically focused and customer oriented. I'm looking for a job both challenging and rewarding.**

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## EMPLOYMENT DETAILS

BTC(Baud Telecom Company) <a href="http://www.btc-networks.com">http://www.btc-networks.com</a>	Sep 2012 to August 2016
<b>Job title:</b> Telecom and low current senior systems engineer.	
Project: New Blaise Diagne International Airport in Senegal, west Africa.	Senegal

### ELV Systems under Myself/BTC scope of work in the project:

- Structured cabling: Nexans
- OSP copper and fiber:Fiber :Nexans,copper: Superior Essex
- Voice and Data IP backbone network:(Alcatel)
- Fire alarm:(GE(Edwards))
- Public Address(Bosch)
- BMS(building management system :JOHNSONS CONTROL)
- CCTV :(Geutebrück ) for NVR+ (Axis) for CCTV cameras
- Access control: GE
- Car parking: Scheidt & Bachmann
- Radio: TAIT
- Master clock: MOBATIME
- FIDs (flight information display):Solari
- MATV:FRACARRO

### Responsibilities:

- Acting as a deputy while the project manager is away including all administrative work and high level meetings.
- Organizing different activities in site and manage teams deployment and resources deployment according to priorities.
- Work as an interface between the consultant and our technical office located overseas in Jeddah for preparing the submittals to clear the consultant comments.
- Revise and modify the submittals and shop drawings of systems in scope before submitted to the consultant based on consultant comments.
- Manage changes to scope, cost and schedule of project work.
- Manage project team responsible for document preparation, scanning, indexing and document OCR imaging.
- Co-ordinate work with all other subcontractors in the project and attend all integration meetings specially with the electromechanical subcontractor for BMS integration.

### Travel overseas during my time with BTC in New Blaise Diagne International Airport in Senegal:

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I was the BTC representative for the BMS FAT of Johnson control equipment held in Johnson control office in Dubai and in Jeddah as follows:

9/Feb. 2015 to 11/Feb. 2015 BMS FAT at Johnson control office in Dubai.

12/Feb. 2015 to 14/Feb. 2015 BMS FAT with Johnson control engineers in Jeddah.

Sep 2005 to August 2010

**Job title**

- Regional Technical support engineer in the Middle East and North Africa (MENA) region ( Based in Cairo, Egypt).
- Regional business development consultant.

**Responsibilities:**

- Provision of technical support to PAV partners in the Middle East by online support first then by moving to the location of the problem second.
- Perform the trials (Demo) across countries in the region.
- Troubleshoot any connectivity issues between the LAN switches and PAV links with strong acquaintance with the TCP/IP stack in general and LAN switching in particular (CCNA certified).
- Provide the training of installation and maintenance to our partners' engineers including the instruction of the CPI (certified PAV installer) certificate and conduct the certificate exam and correct the papers.
- Attend the meetings with the departments managers in the major mobile operators in the MENA region(the end users) to coordinate the maintenance plans of PAV links, to answer any inquiries they might have, also present and demonstrate the new products to them and give advice about the most suitable solution from PAV products portfolio (presales role also).

**Visited Countries I Have traveled to the following countries as routine duty during my time with PAV/PWcomms :**

<b>England</b>	<ul style="list-style-type: none"> <li>• From 19/9/2005 till 25/9/2005 for training</li> <li>• From 14/2/2006 till 18/2/2006 for further training</li> <li>• From 19/3/2007 till 23/3/2007 for update training on the new systems.</li> </ul>
<b>Morocco</b>	<ul style="list-style-type: none"> <li>• From 11/12/2005 till 7/1/2006 to perform a trial for Meditel (the second GSM operator in Morocco).</li> </ul>
<b>UAE</b>	<ul style="list-style-type: none"> <li>• From 2/2/2006 till 9/2/2006 to support PAV partner (Alpha Data) in installation of four links that carry data (fast Ethernet).</li> <li>• From 19/6/06 till 29/6/06 to troubleshoot some links that have problems and to conduct new installations with PAV partner "Beta information technology".</li> <li>• 15/9/2007 till 21/9/07, installing a Gig link for IMCC.</li> <li>• 25/11/07 till 9/12/08, Installing new links for ITQAN and GBM.</li> <li>• 9/3/08 till 17/3/08 ,GBM</li> <li>• 23/5/08 till 10/6/08 GBM</li> <li>• 29/6/08 till 8/7/08,GBM</li> </ul>
<b>Saudi Arabia</b>	<ul style="list-style-type: none"> <li>• From 18/2/2006 till 28/2/2006 to perform a trial for the new large ISP in Saudi Arabia ICT.</li> <li>• From 20/11/2006 till 30/11/2006 to conduct the training for the new PAV partner in Saudi Arabia "BTC".</li> <li>• From 18/5/2007 till 22/5/2007 for installation and commissioning of 3 Gig links (that uses a new technology for alignment) and also provide the required training for the engineers of BTC.</li> <li>• From 8 Sep till 17 Sep 2008 , installation of a 100 Meg link, Schlumberger</li> </ul>
<b>Algeria</b>	<ul style="list-style-type: none"> <li>• From 21/3/2006 till 18/4/2006 to:               <ol style="list-style-type: none"> <li>a) Troubleshoot all the links that have problems in Djezi (Orascom) the largest GSM operator in Algeria</li> <li>b) Troubleshoot links of CAT the second fixed line operator in Algeria.</li> <li>c) Check a previous trial for Watanya, the third GSM operator in Algeria.</li> </ol> </li> <li>• From 7/7/06 till 28/7/06 to continue supporting Djezi (Orascom) the largest GSM operator in Algeria and to audit some new installations and to conduct training to subcontractors in the south and the west of Algeria.</li> <li>• From 18/1/2007 till 8/2/2007 to continue supporting Djezi (Orascom) the largest GSM operator in Algeria and sort out the problems with some links and to audit some new installations and to conduct training to subcontractors in the east and the west of Algeria.</li> <li>• From 28/5/06 till 11/6/06 to conduct a trial with the Nawras (the second GSM operator in Oman).</li> </ul>
<b>Oman</b>	<ul style="list-style-type: none"> <li>• From 9/9/06 till 21/9/06 to conduct training and install links with new enterprise partners in Oman "OHI" and "IMTAC".</li> </ul>

- From 5/11/06 till 9/11/06 to troubleshoot some links having problems installed by our partner IMTAC.
- Qatar**
- From 2/10/2006 till 6/10/2006 to troubleshoot previously installed links with GBM, PAV partner in Qatar
- Jordan**
- From 12/8/2007 till 16/8/2007 then from 2/9/2007 till 7/9/2009 with the new PWcomms partner in Jordan Texum Jordan for installation and commissioning of 100 Meg link to connect 2 LANs.
- Syria**
- From 6/12/2009 till 11/12/2009 to support BAHAH group with the large PAV FSO project with Syrian Telecom (STE).

Super service company: a subcontractor for Ericsson in Egypt Jan 2007 to Sep 2009  
**Job title:** Microwave installation Engineer(part time job) Egypt

**Responsibilities:**

- Installation, commissioning and upgrading of Ericsson mini link E.
- Rerouting and cut over.

African waves Feb. 2005 to August 2005  
**Job title:** Telecom(Transmission) engineer Egypt

Project: Free space optics (FSO) links (infrared) to backhaul BTSs of the GSM network of Mobinil

**Responsibilities:**

- Installation and testing of the links.
  - Perform site survey & inspection.
  - Complete test records and commissioning.
- And during my work in African waves I got the following trainings which were given by English experts:
- **Training by PAV on installation of PAV FSO products, PAV certified with 100% score, Certificate Number CPI 060500002, I was the first ever to score 100%.**
  - Training by Cablefree on installation of their FSO products.

Proslab Sep. 2002 to December 2005  
**Job title:** systems engineer Egypt

**Responsibilities:**

- Establishing, installation, commissioning and maintenance of scientific lab. Devices ordered by the universities, institutes and ministry of education.
- Technical sales support. Aid the sales team determining the compliance of the intended lab with the tender terms and specifications.

**EDUCATION AND ACADEMIC BACKGROUND**

<b>B.Sc. in Electronics &amp; Communication</b>	AIN SHAMS university(in Cairo, Egypt)- Faculty of Engineering	[ 1994-1999 ]
Graduation project	Design of optical fiber amplifier for wave length division Multiplexing (WDM) systems.	
Graduation project grade		Very good
B.Sc. grade total percentage		62,5%

**Post graduate studies: Diploma**NTI (National Telecommunication  
Institute)

[2002-2004]

Diploma Major	Transmission.
Diploma general Grade	Good
Diploma project	A simulator for DS-CDMA system
Diploma project grade	Excellent

**PROFESSIONAL DEVELOPMENT**

- Solar Energy course, completed 22/3/2017
- PMP course taken at PMHouse, Cairo, Egypt from 27/01/2017 to 18/2/2017
- Revit MEP professional course taken at CADMASTERS, Cairo, Egypt from 14/12/2016 to 18/1/2017
- Power distribution practice training from 29/1/2017 to 9/2/2017
- Power System Distribution Diploma from 16/07/2016 to 17/08/2016
- Microsoft office user specialist including MS Visio
- AutoCAD, Revit , ETAP and DIALUX
- CCNA certified, CCNP switching& routing courses
- UNIX Solaris, course taken at Masterlinux Egypt
- A practical training course in NTI (6/2000 to 12/2000) in the following fields:
  - GSM
  - CDMA: training by (QUALCOMM) with certificate
  - Networking
  - Digital exchanges (5ESS)
  - Fiber Splicing

**LANGUAGES**

- Arabic: Mother tongue
- English: Excellent

**Other skills**

- Ability to self-study and extensive reading.
- Perfect presentation skills.

**Driving license**

Valid

**Personal Information**

- Marital status: Married
- Nationality: Egyptian
- Place &Date of birth : Cairo 12/4/1977:
- Mandatory military service status: Completed (1/2001 till 5/2002)

**References**

Furnished upon request.