

Ahmad Othman Farrage

System Engineer

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****Personal Data****

Date of Birth: April 5, 1984.

Nationality: Egyptian

Spoken Languages: Arabic, English (Very Good) and French (fair)

Marital status: Single

Military Service: Exemption

****Personal Character****

Energetic, self-confident, ambitious, highly motivated, objective oriented and a challenge driven individual with a strong set of communication skills.

****Career Objective****

In pursuit of a progressively responsible position in the field of network administration. A position help me to develop myself to reach the upper layer of Networks Category and be network Arc or help in Protocols Design, My ideal job would be one which builds upon my current set of skills and forces me to develop new ones. I am flexible as to location and ready to begin work within four weeks' notice.

**** Projects History ****

Projects:-

Arab Open University

- *Build the AOU University Network`s from Scratch.*

Brief:-

- *The Network of AOU`s contain a lot of application which make a big challenge to operate & Troubleshoot, Like*

- A- Access Control
- B- Indoor and Outdoor Surveillance Cams
- C- Firefighting System
- D- UPS Devices.
- E- Data Points for Users
- F- Wireless Access points
- G- IP telephony for both Wired and Wireless
- H- IP TV
- I- Clocks

AOU Wired Network:-

- 1- At Main center control Room (MCCR)
A-2 Juniper EX-8208 Core Switch for Redundancy Active Active Topology , These Switches act as core switches for the network,
B – Juniper EX-4200P Switch act as Server Farm Switch connected directly to the Cores By fiber cables.
- 2- At SUB Distribution Room (SDR):-
 - They have 8 SDRs each one server a part of the building acting as Distribution and Edge layer.
 - J- SDR-G-1 Contain 6 EX-4200P Stacked switches.
 - K- SDR-G-2 Contain 4 EX-4200P Stacked switches.
 - L- SDR-F-1 Contain 9 EX-4200P Stacked switches.
 - M- SDR-F-2 Contain 9 EX-4200P Stacked switches.
 - N- SDR-S-1 Contain 8 EX-4200P Stacked switches.
 - O- SDR-S-2 Contain 7 EX-4200P Stacked switches.
 - P- SDR-MCCR Contain 1 EX-3200P Stacked switches.

AOU Wireless Network (Aruba Networks):-

- *(2 Controller 3600 ,70 Ap-125)*

- 1- Full coverage by 70 AP-125 with high density for voice roaming
- 2- Designed to Sever Employees, Guest and Wireless IP Phones

Banha University Projects

- **Banha University Project Phase I (2 Controllers 3600 & 228 AP and Mesh Router).**
Banha University Phase I Designed to Operate.
 - Full Indoor Coverage for 14 Building at the university
 - Aruba Switching
 - Mesh link between the Core network and the Admin building (Distance 1300M) By Aruba Mesh Router

Intercontinental Suma Bay Projects

- **Intercontinental Suma Bay Project (one Controller 3600 & 128 AP indoor and Outdoor)**
Intercontinental Suma Bay Designed to Operate.
 - Full Indoor Coverage with performance 80 % MIN
 - Full Outdoor Coverage with performance 80 % MIN

Cairo University Projects

- **Cairo University Phase I (2 Controllers 3400, 50 Aps-121,4Aps-120 & 7Aps-60).**
Cairo University Phase I Designed to Operate:-
 - Redundancy Wireless Controller in the Core Network
 - Make Bridging Connections Between.
 - a- Faculty of Science Building`s.
 - b- Conference Building, Lecture Building, and Human resources Building
 - Make Outdoor Coverage in Front Of AL Qoba Palace & Commerce Faculty Garden`s.
 - Make Inside Coverage at :-
 - a- The Information Technology Center
 - b- The Lecture Building
 - c- Conference Building
 - d- Al Qoka Palace, (all the Rooms and the theater)
 - e- Faculty of Science (Animal Science and Plant Science)
 - f- Faculty of Economic
- **Cairo University Phase II (2 Controllers 3400, Controller 650, 4 Ap-121 &36 Aps-60).**
Cairo University Phase II Designed & Operate:-
 - Full Indoor Coverage for Faculty of Medicine
 - Full Indoor Coverage for Faculty of Urban Planning
 - Indoor Coverage for faculty of Pharmacy
- **Cairo University Phase III (Controller 3200 ,54 Ap-93 &11 Ap-175)**
Cairo University Phase III Design
 - Full Indoor Coverage for English Commerce Faculty
 - Full Indoor Coverage for Engineering Faculty
 - Full Indoor Coverage for Science Faculty
 - Outdoor Coverage for Medicine College
 - Outdoor Coverage for University Cities

Cairo University Al SHIEKH Zayed Branch

- **Cairo University Al SHIEKH Zayed Branch (2Controllers 3600, 80 Aps-105, 28 Aps-93& 4 Aps-175)**
Cairo University Al SHIEKH Zayed Branch Design & Operate:-
 - . Full Indoor Coverage
 - Outdoor Coverage
 - Outdoor Bridging for 4 Buildings

Ain Shams University Projects

- **Ain Shams University Phase I (Controller 2400,10 Ap-70 & 20 Ap-60)**
Ain Shams University Phase I Designed to operate
 - Full Indoor Coverage for AL ZAFARAN Palace without any cabling, by mesh technology
 - Full Indoor Coverage for Engineering Faculty, Toshka Building

- *Ain Shams University Phase II (Controller 3200, 20 Ap-105)*
Ain Shams University Phase II Design
 - Full Indoor Coverage for Faculty of Literature

Alexandria University Projects

- *Alexandria University Phase I (Controller 800 & 16 Ap-60).*
Alexandria University Phase I Designed to operate
 - Indoor Coverage for Faculty of Pharmacy
 - Built Bridging connection between the two buildings
- *Alexandria University Phase II (Controller 200 & 8 Ap-60).*
Alexandria University Phase II Designed to operate
 - Operate the 2 Controller as Master & Slave system
 - Full Indoor Coverage for Faculty of Pharmacy
- *Alexandria University Phase III (Controller 2400 & 24 Ap-60).*
Alexandria University Phase III Designed to operate
 - Full Indoor Coverage for Faculty of Nursing
- *Alexandria University Phase V (Controller 2400 & 31 Ap-60).*
Alexandria University Phase V Designed to operate
 - Full Indoor Coverage for Faculty of Veterinary Medicine
 - Built Bridging connection between the Palace and Information Technology Center

Tanta University Projects

- *Tanta University Phase I (1 Controller 3600 & 92 Ap-60).*
Tanta University Phase I Designed to Operate.
 - Full Indoor Coverage for Faculty of Medicine
 - Outdoor Coverage for Faculty of Medicine Hall and Garden
 - Indoor Coverage for Child Hospital 1 & 2
 - Indoor Coverage for Main Hospital
 - Indoor Coverage for Blood Hospital
 - Indoor Coverage for Shamlah Hospital
 - Indoor Coverage for Ophthalmology-Hospital
 - Indoor Coverage for Chest-Hospital
 - Indoor Coverage for Stomach-Hospital
 - Indoor Coverage for Mubarak-Hospital
 - Indoor Coverage for Emergency-Hospital
 - Indoor Coverage for Main-Lecture-Building

Fayoum University Projects

- *Fayoum University Phase I (1 Controller 2400 & 20 Ap-60).*
Fayoum University Phase I Designed to Operate.
 - Indoor Coverage for University Hotel
 - Indoor Coverage for Science College
 - Indoor Coverage for Agriculture
- *Fayoum University Phase II (14 Ap-85).*
Cairo University Phase II Designed to Operate
 - Full Outdoor Coverage for University Gardens & areas
 - Make a bridging Connections Between.
 - a- Faculty of Agriculture and Faculty of Literature between 600 m
 - b- University Hospital and Faculty of Kindergarten between 1200m

Pegsco Company Projects

- *Pegsco Comp. (One Controller 3200 & 20 Ap-125)
Pegsco Company Designed to Operate.*
 - Full Indoor Coverage
 - Radius Server Authentication

MEG Glass Factory

- *MEG Glass Factory (2 Controllers 650 & 10 Aps-105 & 5 Aps-85)
Pegsco Company Design*
 - Full Indoor Coverage
 - LDAP Server Authentication
 - Controller Redundancy
 - Outdoor Coverage for PDAs & RFID system

Designing Projects like

- *Egypt Conference Hall (Two Controller 7210 & 100 Aps-135 , AP-105 , Ap-175)*
 - Full indoor coverage with high density
 - Full outdoor Coverage with high density
 - Air Monitor by Air Wave
 - Aruba Switching
- *Sekem University (Two Controllers 3400 & 100 Aps-135 , AP-105 , Ap-175)*
 - Full indoor coverage
 - Full outdoor Coverage
 - Aruba Switching
- *Dar-Al Foa`ad hospital (Controller 3600 & AP-105)*
 - Full indoor coverage
 - Air Monitor by Air Wave
- *Suez Canal (Bridging by Mesh Router 4MSR4K ,8 MSR2K & 8 MST1200)*
 - Establish a network depend on Mesh technology.
- *Ministry Of High Education (Remote Solution)*
 - Make Connection between Every University and its Outdoor Colleges by ADSL Connection or by 3G Connection, and we made a Demo for Monofya University and the ICTP.
- *Ministry Of Health Ambulances (Remote Solution)*
 - Make every Ambulance Reachable by Voice and Video to Own Hospital By 3G Connection.
- *Marriott Hotel (Two Controller 6000& 375 Aps-105)*
 - Every Room has an AP with Medium density
 - Guest Access Authentication through Captive Portal
 - Air Monitor by Air Wave
- *Shooting Clubs (Two Controller 6000& 375 Aps-105).*
 - Full outdoor Coverage at each Branch
 - Connect the three Branches by Remote Controllers.

****Knowledge & Professional Certificates****

Cisco Knowledge

- **CCNA** (Cisco Certified Network Associate)
- **CCDA** (Cisco *Certified* Design Associate)
- **WCCNA** (Wireless *Cisco* Certified Network Associate)
- **CCNP** (Cisco Certified Network Professional)



- **CCDP** (Cisco Certified Design Professional) in process.

Microsoft Certificates

- **MCITP** (Microsoft Certified Information Technology Professional) in proc
- **MCT** (Microsoft Certified Technology in Vista)
- **MCP** (Microsoft Certified Professional in ISA Server 2004,Windows Xp)



Wireless Network knowledge

- **CWNA** (Certified Wireless Network Administrator)



Aruba Networks Certificates

- **ACMA** (Aruba Certified Mobility Association)
- **ACMP** (Aruba Certified Mobility Professional)

Advanced Design and Operations focuses on WLAN design, administration, and troubleshooting.

- **AWMP** (Aruba Wireless Mesh Professional)

Design and deploy outdoor wireless mesh networks that provide Wi-Fi and backhaul capabilities.



**** Ongoing & Future Certificates Plan ****

- **CWSP** (Certified Wireless Security Professional)
- **CWAP** (Certified Wireless Analysis Professional)
- **CWDP** (Certified Wireless Design Professional)
- **CCIE** (Cisco Certified Inter-network Expert)
- **ACDX** (Aruba Certified Design Expert)
- **ACMX** (Aruba Certified Mobility Expert) ...

**** Employment History ****

Jan 2012 – Present:

Company: Hasoub for Import, Export and Trading
Egypt Branch
<http://www.hasoub.com>

Role: Senior System Engineer
Egypt | NA

- Responsible for Aruba Networks Division at Egypt & north Africa
- Support Aruba Partner`s (Quotation Presentation, Demo and installation).
- Managing and instruct the Team in the Projects processes.
- Train the Customer Engineers to Work on Aruba Product.
- Responsible for Presentations and Demos form Aruba Side.

Sep 2010 – Dec 2011:

Company: **INFORMATIQUE FOR INFORMATION TECHNOLOGY**
Subsidiary of LBF Sistemi, an Italian international Share holding company
<http://www.informatique-eg.com>

Role: Senior Network Engineer

- Responsible for designing Fully Wireless & Wired Networks Solution [For Multi-Vendor Like Aruba ,HP , Cisco] for education ,government , Hospitality and Private sectors .
- Managing and instruct the Team in the Projects processes.
- Train the Customer Engineer to Work on Aruba Product.
- Make Status Report For every Project.
- Responsible For Presentations and Demos
- Act as a **Presales Eng.** . . .

April 2009 – Aug 2010:

Company: **INFORMATIQUE FOR INFORMATION TECHNOLOGY**
Subsidiary of LBF Sistemi, an Italian international Share holding company
<http://www.informatique-eg.com>

Role: Senior Network Engineer

- Responsible for designing turnkey solutions [including routers, switches, firewalls, servers, WLANs passive infrastructure] for education and government sectors and following the installation processes in these projects.
- Train the Customer Engineer to Work on Aruba Product.
- Make Status Report For every Project.
- Responsible For Presentations and Demos
- Act as a Presales Eng. . . .

April 2008 – Mar 2009:

Company: **INFORMATIQUE FOR INFORMATION TECHNOLOGY**
Subsidiary of LBF Sistemi, an Italian international Share holding company
<http://www.informatique-eg.com>

Role: Network Engineer

- Responsible for site survey and designing WLANs and passive infrastructure for education and government sectors and following the installation processes in these projects.
- Make Status Report For every Project.
- Responsible For Presentations and Demos

Feb 2007 – Mar 2008:

Company: **INFORMATIQUE FOR INFORMATION TECHNOLOGY**
Subsidiary of LBF Sistemi, an Italian international holding company
<http://www.informatique-eg.com>

Role: IT System Engineer

- Supporting infrastructure, servers and communication assets
- Managing and maintaining Microsoft Active Directory 2003.
- Designing wireless and wired solutions for the Company
- Troubleshooting workstations hardware and software problems
- Designing and installing Co LAN and WAN

July 2005 – April 2006:

Company: **MisrLink**
(An authorized agent for Raya Telecom)

Role: Noc & Installation Manager

- Configure Monitoring and Assign bandwidth to the client on D-Slams.
- Implementing and troubleshooting the Company's Network.
- Troubleshooting workstations, hardware and software problems
- Designing and installing the Company's LAN and WAN solutions.
- Leading the support team in implementing the company's ADSL services

Aug 2002 – July 2004:

Company: **MisrLink**
(An authorized agent for Raya Telecom)

Role: Assistant Noc & Installation Manager

- Configuring, Monitoring and Assign bandwidth to the client on D-Slams
- Implementing and troubleshooting Company's Network.
- Troubleshooting workstations hardware and software problems
- Designing and installing Company's LAN

Feb 2002 – July 2002:

Company: **MisrLink**
(An authorized agent for Raya Telecom)

Role: **Technical Support engineering**

- *Implementing and troubleshooting Company's Network.*
- *Installing Company is LAN.*

**** Education ****

- *University: Assuit University*
- *Graduation Year: 2007.*
- *Grade : Acceptable*

**** Personal Skills ****

- * *Able to **make GOOD decisions.***
- * *Have superior **organizational skills.***
- * ***Analytical.***
- * ***Good listener and communicator.***
- * *Able to **lead teams.***
- * *Able to **handle work pressure.***
- * ***Carry out** administrative functions*
- * *Risk assessment **and risk management***
- * *Give **direction and guidance***
- * ***Delegate** responsibilities*
- * *Attend meetings, trainings or seminars*
- * ***Work with other departments***