**AMR ELZAGH PROFESSIONAL SUMMARY**

**Objectives:**

I am seeking a position as an IT Manager & IT Business consultant at which I will be able to utilize the knowledge, training, skills & technical dexterity I have acquired in Information Technology through career experience, and a strong academic background.

**Focus:**

* Building ITIL work Flow, designing & implementing Virtual Integrated Solution
* Targeting TCO (Total cost of owner ship) covering
* VOIP solution, Linux & Unix servers & mail & hosting servers
* VDI solution’s ( Virtual Desktop Infrastructure ) to assure
* High availability, Fault Tolerance to offers Professional growth while being resourceful, innovative and flexible

**Work Experience:-**

**ParkroseRvStorage Portland, Oregon September 2012 Till –June 2013**

* **IT & Business Development Manager**

--Designing and implementing systems covering up invoicing mail servers, automated online payments and online gateways as well integrating it with ITIL Standers, as in business development managing 4 private businesses and working TCO & ROI to match the annual year growth plan.

**Cloud Computing & Virtualization Technologies Cairo, Egypt June– August 2012**

* **IT Senior Consultant**

--Design and implement datacenters based on cloud computing focusing on DR & FT for either servers or services.  
--Operating system-level virtualization, hosting of multiple virtualized environments within a single OS instance.  
--Application virtualization and workspace virtualization, the hosting of individual applications in an environment separated from the underlying OS. Application virtualization is closely associated with the concept of portable applications.  
--Service virtualization, emulating the behavior of dependent (e.g, third-party, evolving, or not implemented) system components that are needed to exercise an application under test (AUT) for development or testing purposes. Rather than virtualizing entire components, it virtualizes only specific slices of dependent behavior critical to the execution of development and testing tasks.

**Aviation Information Technology (Avit), Ministry of Civil Aviation**

* **Senior Data Center & Technical Support Manager :2003 till November-2011**

**--**Working on International Civil Aviation Organization (icao) from handling network installation implanting deploying as well as head manager for help desk reporting directly to the President of the Ministry of Civil Aviation.  
  
Responsibilities:  
  
o Designing & Implementing VPN MPLS solutions over GSM carriers to provide full integrated Secured country level network solutions  
  
  
o Designing & Implementing Ministry of State for Administrative Development Both Data ware Housing & hosting for over 30 million citizen on oracle 11 g  
o smart card for Supply’s solution’s   
o Including VPN Networks & Software solutions and hosting   
o Designing VDI solutions to cover 2000 Concurrent users for desktop to provide desktop roaming ability’s & scalability using both VMware vdi & citrix  
  
  
▪ Design and implementing Wireless coverage for Cairo airports T1 AND T2 AND VIP halls with 100 % acceptance with clients  
  
▪ Designing and implementing wireless coverage at sharm el shaik airport including VOIP ( voice over ip ) Out Door & Indoor Coverage Integration and designing hubs between new sharm airport and old one to integrate both airports including internet back bone wimax  
  
▪ Implementing Wi-Fi Solutions Covering All airports using simple 802.11b/g Linksys Access pointes and building management and monitoring solution for all WIFI Access pointes in all airports  
  
Handling ERP LINUX AND UNIX BASED SERVERS including main administrator of ERP EXTREAM Server (oracle 10 g - oracle business suite 11) which handle data between airports and ministry of aviation And other company’s under civil aviation as well as webhosting and email servers ( apache as web servers, lotus mail servers)  
  
• Network Security Specialist (20/10/2003-2008)  
  
Handling both windows and Linux server security,   
Writing Security policy for company as well as planning security policy for network for every airport in Egypt as planed to be In use project  
Building solution for desktop users as whole package of antivirus firewall preconfigured anti spy ware and ad ware protection worms detection and removal tools  
  
• Handling ibm domino mail servers and security policy including spam  
• Building Backup Solution for desktop users  
• Holding senior position in level 3 support for technical and operation support handling desktops - servers - network problems including hardware and software  
• Working as technical operation engineer handling projects such as citring in flight services handling installation for 200 pc servers and configuring them on network creating antivirus server based on Symantec - mail server based on lotus   
  
• Building help desk system for Operation and Technical Support Department In php interface backed up by mysql database  
  
• Planning Immigration plane between old desktop and severs to anew established one for citrine project  
  
• Building email server and interface presented in php interface backed up by mysql

**University Education:**

* 2010 Collins University USA   
  in Computer Engineering B.S. Degree 3.2 GPA

(network communication security)

* 2002 The Egyptian Embassy in Bahrain:   
  Networking Diploma
* 2010 At Arab Open University   
  CAIRO Information Technology 3 Years of Study
* 2010 UK Open University

Computers & network Technology 3 Years of Study

<http://www3.open.ac.uk>

* 2001 Sedat Academy

Information Technology Diploma Undergraduate Degree

**Preliminary Education**

* Primary School English School Egypt
* Preparatory School English School Egypt & France (Lyon)
* Secondary School English School Egypt & Germany

**Languages:**

* Arabic Excellent (Written & Spoken)
* English Excellent (Written & Spoken)
* French Fair (Written & Spoken)

**Professional Certifications:**

**LCA - Linux Certified Administrator** www.linuxcertifcation.com

Linux Certified Professional in Specialties:

* Installation and Configuration (LCP)
* Networking (LCP)
* Administration (LCP)
* Security and Anti-Hacking (LCP)

**Other Professional Certifications:**

• SCSA SOLARIS 10 (Installation - administration - network configuration - security)  
• Oracle dba 10 g (OCP)  
• Ccna - cisco certified networking associate  
• vmware vsphere 4.1 ESX VCP TRACK  
• SNRS - Securing Networks with Cisco Routers and Switches

• CVOICE cisco

• Java script professional

• Wireless networking (SWAN project)

• Studying in process MCITP

• Citrix Xen Desktop & Xen App

### • Configuring Juniper Networks Firewall/IPSec VPN Products (CJFV)

**Programming Comprehension and Design:**

-Perl  
-Php  
-Cgi  
-Shell Scripting  
-Javascript  
-Dhtml  
-Html  
-Action script  
-C++ (shell programming)  
-Mysql  
-Protgal sql  
-Writing c++ expolits

-Soket programming in flash communication server

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**Networking & Servers:-**

--Writing IPS (intruders preventing systems)  
--Designing & Implementing VDI solution’s ( Virtual Desktop Infrastructure )  
--Designing & Implementing Virtual Clouds to Assure HA & FT  
--Implementing & Designing GIS solution’s For Handheld to Cover Airports runway employee & bags tracking Systems  
--Implementing & designing GPS solution’s for Geo Tagging & Navigation systems  
--Writing Soft Firewalls such as present commercial Symantec etc  
--Designing and managing WI-FI Solution’s Cairo airport networks   
--Linux administration  
--Cisco (ccna)  
--Squid proxy server  
--Security audit checking  
--Securing IBM DOMINO Mail servers and creating security policy for spam and special permission’s  
--Recovering lost data and passwords on any operation system and any applications  
--LOTUS DOMINO administration and trouble shooting  
--Designing honey bots  
--Designing war game servers  
--Wireless networking over 25 km  
--Working in IPSEC - Internet Protocol Security  
--Building secure tunnels through untrusted networks  
--Designing vpn solution’s  
--Security checks for web sites and networks including exploits and bugs found plus solutions for it for 99% securing solutions  
--Windows 2003 servers family (standard edition - web edition - data center edition - enterprise edition) ( packing creating 10 in 1 releases supporting installing servers such as iis pop3 gate way etc)  
--Securing isa servers  
--Solution’s for streaming video and audio online (flash cm server)  
--Designing mail servers on linux  
--Designing control panel’s for administration Linux servers  
--Building data base solution through php – mysql

**Hardware: Web Designing and Graphics:-**

Diagnosing trouble shooting hard ware problems including both servers and desktop (hp ibm fujetsu siemnse) raid experience on setup & luns & nas with SSD optimization experience

Macromedia dream waver mx, macromedia flash mx, Macromedia fireworks mx  
 swish, show kit, front page xp, php, cgi, perl, java script, html – dhtml, java script

**Independent Business Ventures**

Moderator

• www.astalavista.net, online based forum (2/1999-2011)  
In writing white hat papers and working as mod in www.astalavista.net for one of the biggest security communities.  
  
Hosting Business Owner  
• www.bhhosting.com www.arablycos.com, Owner & Main Administrator (10/2001-2011)  
  
Owner

• www.arablycos.com & [www.egytech.net](http://www.egytech.net) hosting company  
Handling dedicated Servers based on Linux And managing clients server TS   
--Main administrator for all servers including servers and supporting 1300 account I have client list live handling around 9 security and administration servers