

Tony Toufic Farha

Zahle, Bekaa, Lebanon

Mobile Number: +96170695044

Email: tonyfarha@gmail.com

» Educational Accomplishments

2008-2013

Master of Telecommunications Systems Multimedia and Networking Engineer
Awarded on July 2013 by Antonine University Beirut, Lebanon.

Title of the Final Year Project: "Pocket Mall," an application running on iOS
Featuring an application to view and buy from the shops and to find your car
Parking using GPS.

1993-2008

High School Jesus the King, Diploma in Mathematics, Lebanon.

» Professional Experience

May 2019 until Present

Working Full-Time at Moobifun Downtown Beirut

Position: IT/Network Engineer

Key Tasks:

IT/Network Engineer

- Installation/Configuration for all Moobifun products (USSD, SMS) and lottery games under linux.
- Configure Domain Names, DNS records, SSL, ACL and NAT tables.
- Establish, troubleshoot and maintain VPN connections with various Mobile Operators and client network under pfSense gateway.
- Design, configure and test networking between Moobifun and Mobile Operators
- Confer with Mobile operators about solving existing network problems.
- Troubleshoot, diagnose and resolve network and system problems.
- Deploy, configure and virtualize servers through vSphere.
- Perform disaster recovery operations and data backup when required.
- Maintain and administer big data using Elasticsearch.

Oct 2013 until Nov 2018 (Cut Cost Reduction)

Working Full-Time at Jinny software (Enghouse Company) Fanar- Beirut

Position: Senior Support and Operations Engineer (VAS)

Key Tasks:

Senior Support and Operations Engineer

- Installation/Configuration for all Jinny products (SMSC, IN, Signaling Unit Sigtran/SS7, Messaging router-SMPP, Advertising Engine, MCN ...) under Linux or Solaris.
- Configure product on high availability servers and integrates platforms into customer's network.
- Ensure the performance of hardware and software products is tested against company Acceptance Test Procedures (ATP) and that performance meets customer specifications and conforms to prevailing technical requirements.
- Document problems and abnormalities detected during execution of the ATP and escalate for prompt resolution.
- Supports deployed products during live operations (CSRs).
- Provide On-Job-Training (OJT) to customer representatives.
- Escalate customers technical queries and concerns and facilitate prompt delivery of responses.
- Take ownership of issues and follow them through cross functional groups and departments or escalate to upper management as necessary in order to ensure resolution.

» Onsite projects

SMSC (Short message service center) System integration “Hardware and Software “ including SS7/Sigtran signaling configuration (GSM, CDMA), establishing connection with the content providers using SMPP/EMI/SEMA protocols and with the IN using (Diameter, charge at once...).

Hold the Acceptance Test then the cutover and insure that everything meet/surpass customer expectation.

(Projects Location: Vodacom-Tanzania, Airtel Tanzania, Zain and Ooredoo Group, United Wireless USA)

Mobile number portability (MNP) enables mobile telephone users to retain their mobile telephone numbers when changing from one mobile network carrier to another.

(Projects Location: Vodacom-Tanzania, Airtel Tanzania)

RTCG (Real Time Charging Gateway) Interface between all Jinny products (SMSC...) In addition, the IN (Siemens, Ericsson, Huawei ...). Use to charge prepaid subscribers.
(Projects Location: Vodacom-Tanzania, Zain and Ooredoo Group, United Wireless USA)

JFE (Jinny Filtering Engine) and **Smart Guard REU** Provides operators with a reliable solution to implement SMS, and HTTP traffic screening for anti-spam, antiflood, anti-fraud and anti-virus on the same platform.
System installation “Hardware and Software “, establishing connection with all the interfaces including local and international SMS...
(Projects Location: Vodacom-Tanzania, Zain and Ooredoo Group, Sabafon Yemen)

IMS (IP Multimedia Subsystem) is an architectural framework for delivering IP multimedia services. Historically, mobile phones have provided voice call services over a circuit-switched-style network, rather than strictly over an IP packet-switched network. Alternative methods of delivering voice (VoIP) or other multimedia services have become available on smartphones, but they have not become standardized across the industry. IMS is an architectural framework to provide such standardization.
(Projects Location: United Wireless USA)

» *Trainings*

July to August, 2012 Veda's Dbayeh, Beirut, Lebanon
Development Department
Development of Banking Applications using C++

July to September 2011 Central Bank of Lebanon Zahleh, Lebanon
Networking and Administration Department
Database Administration (Oracle)
PC's maintenance and Implementing CCTV

» Professional Trainings/Certificates

▪ Certified CCNA 1 - Antonine University	Jul	2009
▪ Certified CCNA 2 - Antonine University	Jul	2010
▪ Certified CCNA 3 - Antonine University	Jul	2011
▪ Certified CCNA 4 - Antonine University	Jul	2012

» Technical Skills

- **Platform:** Dialogic board, Cisco switches and Routers
- **Operating Systems:** Linux, Unix, Windows NT/2000/XP/Vista/W7, Windows Server 2003&later
- **Databases:** Oracle, MySQL (very good).
- **Software Products:** Apache Httpd, Bacula, , Sudosh, DRBD, Heartbeat, Cacti, Corosync & Pacemaker, Nginx
- **Tools/Scripting:** UNIX Shell Scripting, ansible
- **Standards/Protocols:** HTTP, SNMP, TCP/IP, FTP, SMPP, SMTP, EMI, CIMD, Diameter, Sip, Soap
- **Telecom Standards/Protocols:** GSM, SMS, IN/VAS, SS7, 3GPPMM7, M2PA, M3UA, IMS
- **Multimedia:** Adobe Photoshop, Adobe Illustrator, Adobe Flash, and Adobe Dreamweaver
- **Networking:** Cabling, VoIP, IPTV, LAN, WAN, WLAN, Cisco Switches and Routers Configuration
- **Server Virtualization:** vSphere
- **Languages:** Object Oriented Programming, C, C++, HTML (CSS, Java Script), Java, XML, Object C (IOS Platform)
- **Big Data:** Elastic Search
- **Firewall:** pfSense (Open VPN, Squid proxy, Squid Reverse proxy, HA proxy)
- **DNS:** Cloudflare

» Language Skills

Arabic: Mother Tongue

French: Very good

English: Very good

» Personal Profile

DOB / Nationality: April 27, 1989 / Lebanese.

Status: Single.

Sports: Swimming, Tennis.

Hobbies: Music, Travel, Reading.

» References

Available upon request.