CURRICULUM VITAE

Personal Data: Name: Chakir El Yattafti

Nationality: Moroccan and Danish

Date and place of birth: May 21st, 1975, Morocco

Inter-Personal Skills
- Independent, proactive, service minded good communication skills.
- Good at pushing my limits by being flexible, and open for constructive critique.

Experiences

2016- Present **TDC Group A/S** | System Engineer
- IP Multimedia Subsystem (IMS-Voice): Maintenance, implementing new services, Scale platform extension, and troubleshooting
- Solve complex issues for our business customers using tools like wireshark, OSIX and Kibana
- Ensuring operation stability by being proactive and reactive when troubleshooting Platform Services like Unified Communication and VoLTE
- Assist to automate internal processes/tools for department engineering tasks using Ansible/Python/bash scripting
- Participate in interdepartmental technical projects for developing new services.(e.g. we have an ongoing project on Azure cloud)
- Collaborate with suppliers in order to improve our services performance
- Maintenance (FW update/configuration) of Red Hat Hypervisor Virtual machines, Openshift Containers, databases, and run tests.

- Working in Linux environment

2015 -2016 **Koncernservice** | Wi-Fi Network specialist (**Project**)
- Network maintenance. Automated FW upgrade/ Devices filtering based on producer MAC address using PERL/Python scripting on **Infoblox-Automation**. Add new nodes on solarwinds.
- Configure/ troubleshooting/Install Cisco/HP switches.
- Wi-Fi RF Survey and Aruba RAP3/VPN troubleshooting IPsec issues, and channel selection to minimize interference using AirMagnet Spectrum analyzer and Aruba airwave manager.
- **Achievement:** Very satisfied manager for the highly professional work conducted during the 802.1x project.(see recommendation-In Danish)

2013 - 2015 Mathematics teacher at **Niels Brock** Copenhagen Business College. (**Temporary**)

- Teaching Math A and B level: Integrals, Differential equations, Vectors, Probability, Financial Calculations, statistics.

2007- 2012 **Anritsu AB** Denmark as WCDMA/ LTE RF Conformance Test and Layer 1 **System Support Engineer** for mobile/modem producers in Denmark/Sweden. **(Travelling to customers).**

- **Pre/Post** Customer Support of mobil/chipset producers for **validation/regression** of test cases. Give calibration test uncertainty document based on **ISO 17025 standard**

- **Troubleshooting**: RF Test logs analysis based on 3GPP standard, RF instruments (e.g. base station emulator, digital signal modulators, Spectrum Analyzer troubleshooting). System calibration.
- **Coordination**: being a focal point in coordinating system upgrade and new system installation internally with Europe/Japan Service department and with customers by allocating resources and taking responsibility of whole project. Find out spare part availability and loan units in order to minimize customer's downtime.
- **Commissioning**: provide the installation time schedule to our customer, follow the installation, and react if during installation problem occurred. Acquire the delivery document signature from the customer after I carry on demonstration test to the installed items/system.
- **Training**: customer training of the new features and for newly purchased test system.
- **Liaison**: being a focal point between Japan R&D department and the customer R&D department in Denmark/Sweden.
- **Achievements**: I have achieved a very good performance in each year company appraisal. I have received a thank letter from higher manager in Japan and Account manager in Sweden for my role for solving customer (Sony Ericsson AB) issue where the customer threatened to return the newly purchased system. I have succeeded to convince by demonstrating that the issue is from customer side.

2007 –2007 Mathematics teacher at **Niels Brock** Copenhagen Business College.
- Integrals, Differential equations, Vectors, Probability, Financial Calculations, statistics

2005-2006 I made my master thesis at **NIROS Communications A/S**

- Designing and building a low phase noise Voltage Controlled Oscillator (VCO) at VHF used in mobile Handsets. I achieved a good results, a phase noise of (-114dBc/Hz at 10 KHz) a tuning bandwidth of 18% the center frequency.

2001-2002 I made my final BSc project at **Ericsson Microwave data systems** on DDS (Digital Direct Synthesizer).

- I investigated the best DDS in the market, I combined it with a phase locked loop (PLL) applying different techniques and investigating the impact by measuring the performance of the PLL output (phase noise and spurious). The PLL is used in TETRA MINI-LINK base station transceiver.

Courses
- 2018 Django 2.1 & Python | The ultimate Web Development Bootcamp - Udemy
- 2018 Complete Python Master Class Journey-Udemy
- 2018 Hands-On Linux:Self-Hosted WordPress for Linux Beginners-Udemy
- 2017 OpenShift Container Platform workshop by Red Hat—TDC Group
- 2017 "Azure-IoT Essentials" online - linuxacademy.com
- 2017 "Ansible and Amazon Web Services", online- linuxacademy.com
- 2016 3-dage SIP Troubleshooting- IP Solutions, Copenhagen
- 2016 4-dage SIP Advanced – IP Solutions, Copenhagen
- 2015 ITIL v3 Foundation certificate number GR750206686CE, PEOPLECERT
- 2015 CCNA Switching & Routing certificate CSCO12867355. Teknologisk institute
- 2013- " WCDMA/LTE physical layer and InterRAT handovers" London UK
- 2012- "MD8470 Signalling tester" Voice and Video calling, content download and messaging, Stockholm, Sweden
- 2011- 3G/4G "MD8480C/MD8430A Signalling Tester" Network Emulator, training on Physical layer protocol test cases debugging for WCDMA/ LTE in Japan
- 2007- UMTS (HSDPA,HSUPA, system architecture) Leeds UK

Education

International *MSc in Wireless Systems Engineering* at Technical University of Denmark.14th Feb 2006 (Ørsted Electromagnetic institute).

International **BSc in *Electronics & Computer Science*** at Engineering College of Copenhagen the 21st Jan 2002.

Technical skills

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- PERL /Python/JSON/bash scripting
- Linux , Wireshark, OSIX, Kibana
- Red Hat Virtualization, Openshift Container, AWS, Azure
- Nagios (XI, Log server, Network Analyzer)
- PRTG, Solarwinds, Cacti, HPNNM, Infoblox Network Management
- SIP, VOIP,3G, LTE. VoLTE
- Good understanding of load-balancing, VPN IPsec Tunnel Mode/Transport Mode and SSL VPN
- Good understanding of audio and video codecs

Languages Read/Write

- English: Good, French: Good, Danish: Good and Arabic mother tongue.

Free time
Play football with my sons, work voluntary two times a week as football coach assistant at Vestia football club for young boys, and swim regularly to stay focused mentally and physically. I enjoy cooking and experiment with new recipes. Read books especially from self-development.
I work on my own IoT project sending my Raspberry pi temperature/pressure sensor measurements to Azure IoT suite and AWS-IoT cloud to test which one is more stable and easy to use, my next step is to send the data wirelessly via LoRa.

License driver: Yes