**CURRICULUM VITAE**

**Personal Data:** Name: Chakir El Yattafti

Nationality: Moroccan and Danish

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

Mobile:+4540513578 e-mail: chakirely@gmail.com

Marital status: Married, 3 kids (14 y and 10 y, 5 years old)

**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 thehighly 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**

.

* 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