

PERSONAL INFORMATION

Vilcu Ruslan



 Chisinau, Moldova
 +37369198081  +37369198081
 ruslan.vilcu@orange.com
 www.orange.md

Sex: Male Date of birth: 12/10/1977 Nationality: Moldovan

WORK EXPERIENCE

Orange Moldova

Head of Technical Design and Delivery

January 2021- Present

- Led and managed a technical team responsible for network design and project delivery
- Oversaw end-to-end delivery of telecom projects, including 5G deployment and 4G implementation
- Coordinated with vendors and local suppliers to ensure timely procurement and implementation of equipment
- Directed equipment upgrade and refresh initiatives to improve network performance and reliability
- Ensured alignment of technical solutions with business objectives and operational requirements
- Monitored project timelines, quality standards, and delivery milestones

Network Design and Planning Manager

October 2017 – January 2021

- Managed network design and planning activities for telecom infrastructure projects
- Developed and optimized network architecture to support service quality and capacity requirements
- Led planning and implementation of network expansions, including 4G deployment and upgrades
- Coordinated with engineering teams, vendors, and stakeholders to ensure efficient project execution
- Analyzed network performance and implemented improvements to enhance reliability and coverage
- Prepared technical documentation, forecasts, and capacity plans

RAN Solution and Design Coordinator

January 2015 – October 2017

- Coordinated the design and implementation of RAN solutions for mobile network projects
- Developed technical designs for 2G/3G/4G networks, ensuring performance and coverage requirements
- Collaborated with cross-functional teams and vendors to deliver efficient and scalable network solutions
- Supported network rollout and integration activities, ensuring alignment with design specifications
- Analyzed network performance and proposed optimization solutions to improve quality and capacity
- Prepared and validated technical documentation and design guidelines

3G Optimization Engineer

October 2012 – December 2014

- Performed optimization of 3G (UMTS) network to improve coverage, capacity, and service quality
- Analyzed KPIs and network performance indicators to identify and resolve issues
- Conducted drive tests and post-processing analysis to enhance network performance
- Implemented parameter tuning and optimization actions to reduce dropped calls and improve data throughput
- Collaborated with planning and implementation teams to support network rollout and upgrades
- Prepared performance reports and provided recommendations for continuous improvement

BSS Support Engineer

October 2010 – September 2012

- Provided technical support and maintenance for BSS (Base Stations Subsystems)
- Monitored system performance and ensured availability of UMTS Radio Access Network related services
- Diagnosed and resolved system incidents and service issues within defined SLAs
- Collaborated with vendors and internal teams to troubleshoot and implement system fixes
- Supported system upgrades, testing, and deployment of new features
- Maintained documentation and prepared reports on system performance and incidents

Moldtelecom S.A

BSS coordinator/team leader for CDMA and UMTS Network

June 2005 – October 2010

- Led and coordinated a team responsible for BSS operations supporting CDMA and UMTS networks
- Ensured availability and performance of BSS platforms
- Managed incident resolution and escalations, ensuring compliance with SLA targets
- Coordinated with vendors and cross-functional teams to resolve complex technical issues
- Supported integration and operation of BSS systems during network expansions and upgrades
- Monitored system performance and implemented improvements to enhance service reliability

Engineer at International Switching Center (EWSD)

October 2001 – June 2005

- Operated and maintained international switching systems based on EWSD technology
- Monitored network performance and ensured availability of voice and signaling services
- Diagnosed and resolved faults in switching equipment to minimize service disruptions
- Performed configuration and routine maintenance of core network systems
- Collaborated with technical teams to support network operations and service continuity
- Prepared technical reports and maintained system documentation

Business or sector :Telecommunications

EDUCATION AND TRAINING

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Technical University of Moldova

Chisinau, Republic of Moldova

Engineering and Management in Telecommunications

June 2006

College of Telecommunications Moldova

Chisinau, Republic of Moldova

Automatic Telecommunications

July 1997

Abilitati de Prezenta

March-April 2015

Project Management from A to Z	October 2015
LTE HetNet and Small Cells	August 2016
VoLTE Overview with VoWIFI	May 2017
LTE Protocols and Procedures Training – Huawei	December 2012
LTE Performance Management and Tuning training – Huawei	November 2012
LTE eRAN Features and Algorithms Training -Huawei	November 2012
WCDMA RAN13 Radio Network Optimization Advanced – Huawei	October 2012
iManager/PRS Nastar System Administration training - Huawei	October 2014
LTE Air Interface Training – Huawei	October 2013
LTE eRAN Performance Management Training – Huawei	October 2013
LTE Protocols and Signalling	November 2013
CDMA Network Architecture, RAN/PDSN/AAA	June 2005
Basic of CDMA/CCS7/ATM and data communication/HW and SW of	June 2005
CBSC6600/Data configuration of CBSC660 and BTS3612/Maintenance	
of CDMA BSS/M2000 Operation and Maintenance System basics	

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	Fluent speaking, writing				

Communication skills

- Strong communication skills developed through collaboration with technical teams, vendors, and senior stakeholders
- Experienced in presenting technical solutions and project status to management and cross-functional teams
- Effective in coordinating multicultural and cross-functional teams in international telecom environments

Organisational / managerial skills

- Proven leadership experience managing technical teams and coordinating cross-functional delivery activities
- Strong project management skills across complex telecom deployments (5G, 4G, RAN, BSS systems)
- Ability to prioritize tasks, manage multiple projects simultaneously, and ensure delivery within deadlines
- Experience in coordinating vendors, suppliers, and internal stakeholders for end-to-end project execution

Job-related skills

- Telecom network design, planning, and optimization (RAN environments)
- End-to-end delivery of mobile network projects, including 5G deployment and 4G upgrades
- Experience with RAN systems and switching technologies (EWSD)
- Network performance analysis and KPI-driven optimization

- Vendor and supplier management in technical delivery projects

Digital competence

- MS Office (Excel, Word, Power, Point) – advanced level
- Network planning and optimization tools (ATOLL, TEMS, Actix, QGIS)
- Telecom OSS/BSS systems (operations and support environments)
- Data analysis and reporting tools for network performance evaluation

Driving licence

B

ANNEXES

- Technical University of Moldova Diploma
- College of Telecommunication of Moldova Diploma
- Training certificates

23.04.2026 Ruslan Vilcu

Signed with electronic signature

REPUBLICA MOLDOVA
MINISTERUL EDUCAȚIEI, TINERETULUI ȘI SPORTULUI

DIPLOMĂ

DE LICENȚĂ
învățământ superior universitar

Seria AL N^o 0114452

În baza hotărârii Comisiei pentru examenul de licență
din 24 octombrie 2001, nr. 200/6

În anul 2001, absolvent al
Universității Tehnice
a Moldovei
a obținut titlul de inginer-manager licențiat
profilul Inginerie
specialitatea Inginerie și management
specializarea Inginerie și management
în comunicații
cu media examenului de licență 75 (opt, 75)
L.S. 20150905, 821
Reședința: Chișinău
Reședința: Chișinău
Eliberată la 29 octombrie 2001
Nr. de înregistrare 29 Semnătura titularului

Tipografia Centrală, 2000

REPUBLIC OF MOLDOVA
MINISTRY OF EDUCATION, YOUTH AND SPORT

DIPLOMA

OF LICENTATE
University Higher Education

Series AL

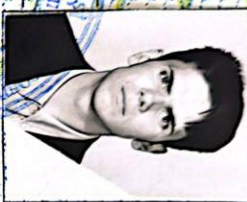
According to the decision of the Licence Examination Commission
of 24 October 2001, no. 200/6

admitted in 2001, graduate of
Technical University
of Moldova
has been awarded the degree of licensed engineer-manager
in the field of Engineering
specialty Engineering and Management
specialization Engineering and Management
in Communication Systems
Average Mark: 75 (eight, 75)
Central of the Licence Examination 20150905, 821
University and Higher Education Commission
University and Higher Education
Issued on 29 October 2001
Registration No. 29 Signature of holder

REPUBLICA MOLDOVA

College
Instituția de învățământ

de Telecomunicații



Seria AC Nr. 005955

In baza hotărârii Comisiei pentru examenul de diplomă din 2 iulie 1992

Vilcu Ruslan
nume, prenume

Înmătriculat în anul 1992

a obținut Diploma de studii superioare scurte
profil tehnic
specializarea telecomunicații
automate
cu media 9,4 (nouă și patru)
calificarea inginer în telecomuni-
cații automate

Președinte al Comisiei, BT
Director, BT
Secretar, BT

Eliberată la 5 iulie 1992 Nr. 133

REPUBLIC OF MOLDOVA

College of
Educational Institution

Telecommunications



Series AC Nr. 005955

By the decision of the State Examination Board of the 2nd of July 1992

Vilcu Ruslan
name, surname

admitted in 1992

is awarded a short higher education course programme
Diploma in technical profile
specialized in automatic
telecommunications
medium mark 9,4 (nine and four)
qualification engineer in automa-
tic telecommunications

Chairman of the State
Examination Board, BT
President (Director), BT
Secretary, BT

5 July 1992 Nr. 133

Diplomă

Se certifică prin prezenta că

Ruslan Vilcu

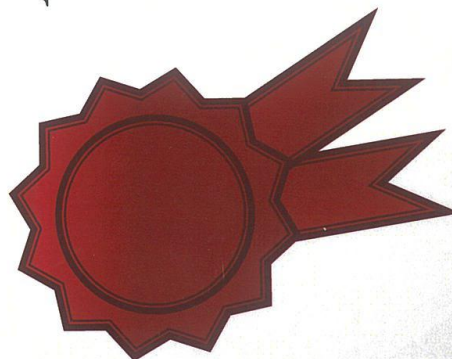
a participat la programul

ABILITĂȚI DE PREZENTARE

organizat în perioada
31 martie – 1 aprilie 2015
la Chișinău



Radu Apostol
Consultant

A handwritten signature in blue ink, likely belonging to Radu Apostol.

AdCognos



This is to certify that

Ruslan Vilcu

has successfully completed the course

Project Management from A to Z

40 contact hours

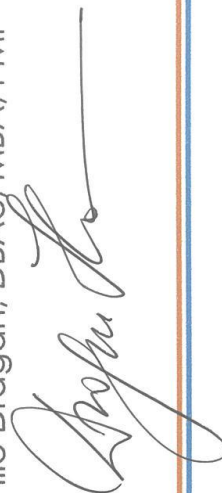
held on 2-3 and 9-11 October 2015

Chişinău

October 11th 2015

Trainer,

Ilie Drăgan, DBAC, MBA, PMP





Ruslan Vilcu

has successfully completed
LTE HetNet and Small Cells
2-3 August 2016
Chişinău

Course Instructor:



Jan Berglund

apis ● ● ●
ip-solutions

CERTIFICATE

Ruslan Vilcu

has successfully completed

VoLTE Overview with VoWiFi

24-26 May 2017

Chişinău

Course Instructor:



Sören Johansson

apis ● ● ●
ip-solutions

**Huawei University**

华为大学

Certificate

培训证书

This is to certify

Mr./Ms. **Ruslan Vilcu**

完成此培训项目：
completed the training program for
LTE Protocols and Procedures Training

自
from
10.12.2012

至
to
11.12.2012

签 发 人：
Director



签 发 日 期：
Date of Issue

11.12.2012

培 训 地 点：
Training location

Chisinau-Moldova

编 号：
Serial No.

D65123

**Huawei University**

华为大学

Certificate

培训证书

This is to certify

Mr./Ms. **Ruslan Vilcu**

完成此培训项目：

completed the training program for

LTE Performance Management & Tuning Training自
from
28.11.2012至
to
28.11.2012签 发 人：
Director签 发 日 期：
Date of Issue
28.11.2012培 训 地 点：
Training location
Chisinau-Moldova编 号：
Serial No.
D65089

**Huawei University**

华为大学

Certificate

培训证书

This is to certify

Mr./Ms. **Ruslan Vilcu**

完成此培训项目：

completed the training program for

LTE eRAN Features and Algorithms Training自
from
23.11.2012至
to
27.11.2012签 发 人：
Director签 发 日 期：
Date of Issue
27.11.2012培 训 地 点：
Training location
Chisinau-Moldova编 号：
Serial No.
D65081

**Huawei University**

华为大学

Certificate

培训证书

This is to certify

Mr./Ms. **Ruslan Vilcu**

完成此培训项目：

completed the training program for

WCDMA RAN13 Radio Network Optimization Advanced自
from
17.10.2012至
to
18.10.2012签 发 人：
Director签 发 日 期：
Date of Issue
18.10.2012培 训 地 点：
Training location
Chisinau-Moldova编 号：
Serial No.
D65136

编号

Serial Number
D022279

Certificate

培 训 证 书

本证书授予

自

至

This is to certify Mr./Ms.

from 13.10.2014

to 17.10.2014

**RUSLAN
VILCU**

完成此培训项目：

completed the training program for

该项目包含如下课程

The training program includes

课程编码 (ID)

课程名称 (Courses)

iManager M2000V200R013 System Administration Training**iManager PRS/Nastar System Administrator Training**

Bucharest

培 训 地 点：

Training Location

华为大学

Huawei University



签 发 日 期：

Date of Issue

17.10.2014

编号
Serial Number
C42244



工程师培训证书 Certificate

本证书授予

自

至

This is to certify Mr./Ms.

from 28.10.2013

to 30.10.2013

RUSLAN VILCU

完成此培训项目：

completed the training program for

该项目包含如下课程

The training program includes

课程编码 (ID)

课程名称 (Courses)

LTE Air Interface Training

Chisinau

华为大学

Huawei University

 / Fu Shiguang

签发日期

Date of Issue

30.10.2013

编号

Serial Number

C42276



工程师培训证书 Certificate

本证书授予

自

至

This is to certify Mr./Ms.

from 31.10.2013

to 31.10.2013

RUSLAN VILCU

完成此培训项目：

completed the training program for

该项目包含如下课程

The training program includes

课程编码 (ID)

课程名称 (Courses)

LTE eRAN3.0 Performance Management Training

Chisinau

华为大学

Huawei University

 / Fu Shiguang

签发日期

Date of Issue

31.10.2013

编号
Serial Number
C42250



工程师培训证书 Certificate

本证书授予

自

至

This is to certify Mr./Ms.

from 13.11.2013

to 14.11.2013

RUSLAN VILCU

完成此培训项目：

completed the training program for

该项目包含如下课程

The training program includes

课程编码 (ID)

课程名称 (Courses)

LTE Protocols and Signaling

Chisinau

华为大学
Huawei University

 / Fu Shiguang

签发日期
Date of Issue

14.11.2013



华为技术有限公司莫斯科培训中心

Учебный центр Хуавэй (Москва), ООО «Техкомпания Хуавэй»

结业证书

СЕРТИФИКАТ

Данный документ удостоверяет, что

Г-н / Г-жа *Vilcu Ruslan*

完成以下课程的培训:
успешно завершил(а) обучение по курсам:

Архитектура подсистемы передачи данных CDMA
Аппаратное и программное обеспечение подсистемы передачи данных CDMA
Аппаратное обеспечение PDSN 9660
Конфигурация данных PDSN 9660
Конфигурация AAA сервера подсистемы передачи данных CDMA
с результатом "отлично"

自
с

13.06.2005

至
по

15.06.2005



培训地点: *Кишинев*
Место проведения обучения: *15.06.2005*
签发日期: *15.06.2005*
Дата выдачи сертификата:
编号: *2153*
№ сертификата: *2153*



华为技术有限公司莫斯科培训中心
Учебный центр Хуавэй (Москва), ООО «Техкомпания Хуавэй»

结业证书 СЕРТИФИКАТ

Данный документ удостоверяет, что
Г-н / Г-жа *Vilcu Ruslan*

完成以下课程的培训:
успешно завершил(а) обучение по курсам:

Basics of CDMA, CCS7, ATM and data communication
Hardware and Software structure of CBSC6600
Hardware and Software structure of CBTS3612/06/01
Data Configuration of CBSC6600 and CBTS3612
Maintenance of CDMA BSS
MS2000 Operation and Maintenance System basics

Certificate with honor

自
с 16.05.2005

至
по 10.06.2005



符宇龙

培训地点 : *Moscow*
Место проведения обучения :
签发日期 : *10.06.2005*
Дата выдачи сертификата :
编号 :
№ сертификата : *2141*