

## PERSONAL INFORMATION

## Costin Giumba



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Sex Male | Date of birth 17/07/1988 | Nationality Romanian

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

In the first place, I intend to gain professional experience and develop my career into one of these IT/Engineering areas of expertise: Networking, Automation, Security, Virtualization, SDN, Cloud Computing.

## WORK EXPERIENCE

(from May 2018 - until February 2020)  
1-year and 9 months

## Technical Support Engineer II

Ixia, Keysight Technologies Romania SRL, Bucharest, Romania

Responsibilities:

- Providing technical support at expert level over the phone and email for Ixia's clients within the EMEA region.
- Reporting design flaws, identifying software issues and transfer problem issues into the issue tracking system with supporting log files and packet captures/traces using IxTracker.
- Assisting customers in using and configuring the software of Ixia Network Visibility hardware equipment, with an emphasis on Visibility products and features.
- Hands-on experience with the Ixia NVS and security products: taps, bypass switches, Network Packet Brokers, Threat Armor.
- Assisting customers in using and configuring the software of Ixia IxANVL hardware equipment, concerning L4-L7 and L2-L3 protocols. Running RFC conformance test suites in order to validate feature functionalities of the units.
- Installing and troubleshooting virtual Taps solutions (CloudLens VM) using vmware cloud deployment on ESXi hosts, implementing distributed and standard virtual switches between multiple VMs.
- Effectively collaborating and communicating with worldwide support and dev engineering team.
- Investigating, analysing and testing customer's problems in the lab using Ixia software/hardware.
- Tracking and recording the transport of hardware equipment through internal procedures.
- Creating, following and investigating client requests raised in Salesforce application.
- Experienced installation, configuration and troubleshooting on Cisco ASR 1001x Router Series, Ubuntu and CentOS Linux OS distribution.

(from March 2016 - until May 2018) 2 years and 2 months

## IoT Network Support Engineer

Vodafone Shared Services Romania SRL, Bucharest, Romania

Responsibilities:

- Performs monitoring and troubleshooting activities for the M2M Global Infrastructure in order to maintain the functioning state of the hardware and software systems, using the available tools.
- Performs troubleshooting and impact analysis on incidents which are tearing down the voice, sms, provisioning, reporting or data services (Voice CO, Voice CT, SMS-MO, SMS-MT, PDP context, LTE bearer session, Location Update, GPRS/LTE Attach etc.)
- Provides 24h/24h end-to-end technical support, gathers and analyses all the required logs and traces from the customer or monitoring systems during and post-fault investigations.
- Acting as a central joint point for all major incidents and coordinating them in order to ensure an action plan or a back-up plan is created and focused on restoring it within the SLA.
- Provides technical information to customers about events and alarms that affect services,

using agreed methods of communications.

- Prepares major incidents reports, in order to be used by the problem and incident management teams.
- Works in compliance with the operational agreements to fulfil the key performance indicators of the service (speed, response time, error rate, delivered throughput).
- Performing data packet analysis using Wireshark in order to troubleshoot issues on both IP Backbone and Packet Switch networks as well analysing the IPSec tunnel configurations.
- Creates work instructions and technical operational procedures for the consolidation of knowledge and competencies within the team.
- Experience with IoT platform services, devices and applications, APIs working and troubleshooting (transferred through REST or SOAP web architectures).
- Basic scripting configuration of the web servers so that the customers have access to GUI and API.
- Experienced configuration and troubleshooting on Cisco ASR 5000 and 7200 PE series, Juniper MX960 PE routers, Cisco Nexus 7k and 9k Series Switches

(from July 2015 to October 2015)  
3 months

### QA Automation – Software Testing Engineer

Luxoft Professional Romania SRL, Bucharest, Romania

Responsibilities:

- Testing of IPv4 and IPv6 features on Avaya VOSS based platforms.
- Implements feature test plans for the VRRP protocol.
- Perform manual and automated software testing.
- Identify software issues and transfer problem issues into the issue tracking system with supporting log files and data using IBMs Clearquest and Quality Center tools.
- Create test reports for the VRRP protocol.

(from December 2012 to July 2015)  
2 years and 7 months

### Front Office Core IP and Transmission Network Engineer

Ericsson Telecommunications Romania SRL, Bucharest

Responsibilities:

- Projects: Vodafone Netherlands, Orange Belgium and Luxembourg.
- Perform network monitoring and first level fault troubleshooting on the Core Network (Circuit Switching, Packet Switching, Core MPLS/IP Backbone, IMS, SDH and DWDM Transport domains)
- Trouble ticket handling (OneTM, PeopleSoft) – creating and resolving network trouble tickets in a given time frame depending on the severity.
- Cooperation with Incident Management for high incident related faults, escalations fulfilling the customer's target SLA.
- Dispatching and coordination of the field engineers with work orders, in case of incidents occurred at sites that need local support.
- Assure changes/planned work activities in the network are approved and performed in the allowed time window, relate alarms with ongoing CRQs.
- Investigating internal Core Transmission and terrestrial 3<sup>rd</sup> Party Transmission faults including progressing faults with fiber optics or dsl link providers (Proximus, Mobistar Enterprise, Fabricom, B-Telecom).
- Responsible with the creation of technical and operational procedures within the team.
- Application tools used for investigation: OSS-RC, Netcool, Reflection X, U2000, NetCracker
- Experienced troubleshooting on Ericsson Smart Edge 800 and 1200 series, Huawei NE40E/NE80E service provider routers, Huawei ATN910 IP modems, Huawei DWDMs (OSN 6800 and 8800 series).

### Front Office Radio Access Network Engineer

Ericsson Telecommunications Romania SRL, Bucharest

(from March 2012 to November 2012) – 8 months

Responsibilities:

- Front Office RAN Engineer specialized in mobile cellular network working for United Kingdom, monitoring 24h/7days the GSM/UMTS/LTE networks, using fault management systems and specific NMS and performing analysis to identify the issues.
- Handling emergency situations in the Radio Access Network and escalation to the incident management and second line of support in case of major and critical incidents.
- Monitoring and analysing the key performance indicators (KPI) for the radio access and transmission access network.
- Investigating internal Access Transmission and terrestrial 3<sup>rd</sup> Party Transmission faults

including progressing faults with link providers.

- Surveillance and troubleshooting alarms and faults occurred in the radio access and transmission access network by raising trouble tickets.
- Dispatching and coordination of the field engineers with work orders, in case of incidents occurred at sites that need local support.
- Investigation of complex incidents and events on Ericsson BTS cabinets (RBS 3000 and 6000 series), Alcatel 3G cabinets, RNC 3820 series via sub-network management systems and peripheral systems and tools.
- Application tools used for investigation: Remedy, OneTM, OneFM, Netcool, Netviewer (MW Nokia Siemens).

Business or sectors: IT & Software, Telecom

## EDUCATION AND TRAINING

Date: from October 2011 to July 2013

Title of qualification awarded: Master's degree in Management of Networks and Services Engineering at the Faculty of Electronics, Telecommunications and Information Technology (Politehnica University Bucharest).

- Advanced Operating Systems, Computer Networks, Mobile Networks, Advanced Databases, Management of the Network Services, Programming Languages, Routing and Transmission in Wireless Networks.

Date: from October 2007 to July 2011

Title of qualification awarded: Bachelor Degree of Applied Electronics and Engineering at the Faculty of Electronics, Telecommunications and Information Technology (Politehnica University Bucharest).

- Signals and Systems, Information Transmission, Communication Systems, Mobile Communications, Digital Signal Processing, Computer Programming, Databases, Computer Systems Architecture, Basic Electronic Circuits, Digital Integrated Circuits.

Date: from September 2003 to July 2007

Title of qualification awarded: High School Diploma at the "Ovidius" High School, Constanta

- Specialization: Mathematics and Computer Science
- Mathematics, Computer Science, Physics, English.

### Trainings:

- Network Visibility Inline, Out-of band, dynamic filters basics - this course was followed at Ixia
- CCNP Route - This course was followed at Bit Academy Bucharest
- Cisco Service Provider - This course was followed at Bittnet Systems Bucharest.
- Redhat Linux System Administration. The certificate was released by Telecom Academy Bucharest.
- BGP Fundamentals. The certificate was released by Ericsson Academy.
- Datacomm Networking. The certificate was released by Ericsson Academy.
- MPLS and VPN fundamentals. The certificate was released by Ericsson Academy.
- PHP - Web Development. The certificate was released by Telecom Academy Bucharest.
- Mobile Softswitch Solution (MGW and MSC). The certificate was released by Ericsson Academy.
- SmartEdge Redback R11 Basic Troubleshooting. The certificate was released by Ericsson Academy.
- DWDM Workshop. The certificate was released by Ericsson Academy. SDH Fundamentals. The certificate was released by Ericsson Academy.

### Certificates:

Cisco Certified Network Associate 200-125 (CCNA) Certification - January 2018.  
ITIL Foundations for IT Service Management Certification - November 2013.

## PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2/Proficient User	C2/Proficient User	C2/Proficient User	C2/Proficient User	C2/Proficient User
	C2/Proficient User				
French	A2/Basic User	B1/Independent User	A2/Basic User	A2/Basic User	B1/Independent User
	B1/Independent User				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

#### Social skills and competencies

- Excellent team-working skills, good communication skills, adaptive to new situations.
- Proactive with the ability to work under strong pressure related to scale of business impact.
- True customer mind-set, aptitude for quickly learning technical and procedural topics.
- Driving force and proactive attitude, strong performance focus.

#### Organisational Qualities

- Teamwork orientated, proactive, continuous learner

#### Job-related/Professional acquired skills

- Good knowledge of mobile communications of mobile communications, GSM/UMTS/LTE architectures, interfaces, signalling and protocols.
- Entry level on Linux operating system administration, bash scripting and network troubleshooting.
- Good understanding of Ethernet and IP Security network protocols.
- Advanced VLAN, IPv4/IPv6, ACLs filters configuration on the Cisco IOS, IOS-XR, Ixia NVOS on Network Packet Brokers.
- Using Cisco/Huawei/Juniper/Avaya CLI commands to perform basic router and switch configuration and verification.
- Core Packet Switch troubleshooting and configuration on equipment: GGSN, PGW, DNS, AAA and Diameter Servers.
- Good understanding of BGP, L3VPN concepts, IP Security.
- Using Cisco/Huawei/Avaya CLI commands to perform basic router and switch configuration and verification.

#### Technical skills and competencies

- Network Fundamentals: IP Backbone, Circuit and Packet Switched Topology Design, Network Management Systems.
- Concepts of Routing Protocols, LAN Switching and Wireless 802.11, VLAN 802.1q, STP, RSTP, Accessing the WAN, TCP/IP and OSI stacks.
- In-depth knowledge of fundamental internet standards encompassing DHCP, DNS, SMTP, SNMP, HTTP and other Application layer protocols.
- Configuring and troubleshooting Cisco routers and switches, routing protocols OSPF, BGP, VLANs, L3 VPNs, L2 VPNs, ACLs, IPv4 and IPv6.
- Configure and verify basic WAN serial connections including serial, Point-to-Point, PPPoE and Point-to-Multipoint.
- Development of Website pages, understanding database design and development, using HTML/ XHTML and CSS.
- Use of SQL language specific instructions aimed at inserting data, query, update and delete, modify and create tables and data access control.
- Reading, editing, modifying and querying databases with PHP.

#### Computer skills

- Entry-level on Linux operating system administration, bash scripting and network troubleshooting.
- Experienced-level with network simulation programs: Cisco Packet Tracer, GNS3 emulator and Wireshark network protocol analyser.
- Entry-level with programming languages: C, C++, Python, PHP, SQL, dev environments: Dev-C++ and MS Visual Studio.
- Mid-level with Web and Database programming development environments: MS SQL Server, MySQL Workbench, Oracle SQL Developer, Adobe Dreamweaver CS5, Microsoft Office tools (Word, Excel, PowerPoint, Outlook).

#### Hobbies

- reading sci-fi, psychology and fantasy books, football, sports and fitness, travelling.

Driving licence    ■ B Category