##### Adrian Eftei

# PROFILE

* Network Integration/Support/Design Engineer with hands on experience gained in enterprise, service provider, mobile operators and vendor TAC positions.
* Deep knowledge of switching, routing and routing protocols.
* 10 years’ experience in working with different vendor equipment, from Cisco IOS, NX-OS, XR to Juniper MX, Alcatel SR series, Arista datacenter series and Huawei PTN.
* Network security experience learned and applied in various network setups ranging from enterprise, ISP, CDN and mobile operators.
* Security appliances and DDoS prevention systems such as Cisco ASA, Checkpoint, Fortinet and Arbour

# EMPLOYMENT HISTORY

**Infogain Solutions for Facebook (contractor) February 2020 – October 2022**

**Senior Network Engineer**

Main activities and responsibilities:

* Migrate and refresh edge networks comprised of Arista 7600 series switches.
* Migrate and install aggregation and core networks comprised of Juniper QFX, PTX and MX series.
* Migrate, refresh and install new DCN networks comprised mainly of Juniper EX, SRX series and Aruba AP as wireless access in site.
* Created BOMs for each of the migration, refresh and new install.
* Build configurations for each migration, refresh and installations using Facebook automation tools based on python.
* Coordinated field engineers on site for physical manipulation of hardware.
* Help peering team to install new cross-connects and verify patching to meet me room together with the field engineers.

Technologies:

* Juniper MX, EX, QFX
* Arista 7k series
* Facebook in house automation tools

**BT Solution Ireland – Three Ireland April 2019 - February 2020**

**Lead IP Engineer**

Main activities and responsibilities:

* Provide 2nd and 3rd level maintenance for the GPRS/IP/MPLS network of Three Ireland.
* Lead priority 1 and 2 incidents troubleshooting and report the resolution to customer.
* Perform integration tasks of new network services which could involve the following:
  + Install/Upgrade/Configure new Checkpoint, Fortigate, Cisco ASA.
  + Install/Upgrade/Configure new Cisco, Juniper routers and switch.
  + Install/Upgrade/Configure F5, Cisco ACE loadbalancers.
  + Make changes in DNS, Arbour or Radware network side.
  + Configure Cisco ACI EPGs, Switch profiles , etc in environment connecting to NSX nodes.

Technologies:

* Cisco IOS (4500, 6500,7600), IOS-XR(ASR-9K, CRS-12K, ASR1K), IOS XE, Nexus 9K
* Cisco ASA5500 series, Checkpoint R77.30, Fortinet
* Juniper MX, EX, QFX
* Cisco ACE, Cisco CSS, - F5 LTM, - AWS

**Hertz Europe Contact Service (for itContracting) October 2018 – April 2019**

**Senior Network Engineer**

Main activities and responsibilities:

* Design, build and migrate services and infrastructure of HQ in each country in EMEA and APAC regions. This involved from building network documentation to actually implementing the configuration build by me or another team member.
* Participate in migrations of corporate and franchise sites from old infrastructure based on MPLS circuits to SD-WAN and DMVPN solution which involved decommissioning the old MPLS circuits and rebuild the site based on the Meraki infrastructure.
* Lead troubleshooting sessions involving and coordinating all other involved teams and partners until resolution.

Technologies:

* Cisco Meraki and Viptela SD-WAN and cloud infrastructure
* Cisco Nexus 7K and 9K series
* Cisco IOS, IOS-XE and IOS-XR routers
* NXOS

**Huawei Romania Local Office (contractor) January 2018 – October 2018**

**Network Design Engineer**

Main activities and responsibilities:

* Build, optimize and troubleshoot Vodafone Romania seamless MPLS network.
* Provide solution to issues on the network due to hardware or software limitations.
* Migrate services from Cisco IP/MPLS network to new Huawei seamless MPLS.
* Build the Billing of Material list for each migration (number of CPEs, SFPs, Fiber optics)

Technologies:

* Cisco IOS (3750,XPRO,7600), Huawei (ATN 910B/910C/950, PTN 6900)

**BT Solution Ireland – Three Ireland May 2015 - January 2018**

**Lead IP Engineer**

Main activities and responsibilities:

* Provide 2nd and 3rd level maintenance for the GPRS/IP/MPLS network of Three Ireland.
* Lead priority 1 and 2 incidents troubleshooting and report the resolution to customer.
* Perform integration tasks of new network services which could involve the following:
  + Install/Upgrade/Configure new Checkpoint, Fortigate, Cisco ASA
  + Install/Upgrade/Configure new Cisco, Juniper routers and switch.
  + Install/Upgrade/Configure F5, Cisco ACE loadbalancers.
  + Make changes in DNS, Arbour or Radware network side.
* Been part of staging and implementing of two new datacentres.
* Performed network changes which lead to merging of 3ROI and 3UK networks.
* Performed EOL and software upgrades tasks.

Technologies:

* Cisco IOS (4500, 6500,7600), IOS-XR(ASR-9K, CRS-12K), IOS XE, Nexus 9K
* Cisco ASA5520, Checkpoint R77.30, Fortinet
* Juniper MX
* Cisco ACE, Cisco CSS
* F5 LTM

**Vodafone Romania October 2013 – May 2015**

**Regional NOC Back-Office engineer**

Main activities and responsibilities: - Provide second level maintenance and restoration for the Data Network (IP)

* Prepare restoration plan for incident of disaster (Business Continuity Plan – BCP).
* Escalate problem to vendor support and cooperate to resolve problem.
* Manage high risk operations in configuring /deploying new networks.
* Execute preventive maintenance activities.
* Work together with radio and transmission support for troubleshooting complex issues.

Technologies:

* Alcatel ISAM 7302, Alcatel ASAM 7300, Huawei MA5600T, Huawei MA5603T
* Alcatel SR 7750, Huawei NE40; Cisco ASR-9K, Cisco CRS-12K
* Ericsson Redback SE 800, Huawei ME60

**Cetelem IFN part of BNP Parisbas August 2012 – September 2013**

**Network and Security Engineer**

Main activities and responsibilities:

* Designed and implemented new networks including a new disaster recovery site.
* Build and tested a business continuity plan (BCP).
* Planned and executed end of life projects for network equipment like Checkpoint Nokia firewalls, Cisco 2950 and 3750 series.
* Provide maintenance and restoration for the company network comprised mainly from Cisco switches and Checkpoint firewalls used at the edge and in the core with double functionality performing routing and firewall at the same time (in both HQ and newly build disaster recovery site).
* Escalate problem to vendor support and cooperate to resolve problem.
* Daily monitoring of the network’s performance indicators using SolarWinds and Nagios.

Technologies:

* Cisco 2950, Cisco3750
* Cisco PIX, Checkpoint and Microsoft TMG

**Huawei Romania December 2011 – August 2012**

**TAC Network engineer**

Main activities and responsibilities:

* Provide maintenance and restoration support for Huawei products.
* Perform detailed analysis of faults reported by customers.
* Replicated customers setups in lab in order to find a root cause of the problems.
* Escalate problems to R&D team for faults.

Technologies:

* Huawei MA5600T, Huawei MA5603T,Huawei ME60

**AT&T Global services Slovakia October 2010 – October 2011**

**DTAC 2nd Level Support Engineer**

Main activities and responsibilities:

* Provide 2nd level maintenance and restoration for the IBM networks.It involved to implement new routing changes and update Checkpoint policies.
* Prepare and perform end of life changes in IBM networks.
* Provide incident report on the technical fault for the IP network.
* Escalate problem to vendor support in case of faulty equipment.

Technologies I worked with:

* Cisco 2960, Cisco3750, Cisco 6500, Cisco 7200
* Checkpoint firewalls

# QUALIFICATIONS

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| EDUCATION |

University: Polytechnic University of Bucharest

Graduation field: Power engineering

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| CERTIFICATIONS |

Certifications: CCNA (Valid until October 2023)

CCNP (Valid until October 2023)

CCNP SP. ADV ROUTING (Valid until October 2023)

CCIE R&S Written (Passed in October 2017)

Courses: Checkpoint CCSA R77

FortiGate NSE1 and NSE2

Alcatel SR7750 administration and configuration

Juniper advanced technologies for service provider

# LANGUAGES

Mother tongue: Romanian

Foreign languages: English (professional level)

**References available upon request.**