SUPHI YILDIZ

**Senior SDN/System/Network Engineer (CCIE R&S # 38471 / VCP-NV)**

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# Summary

Residence and Work Permit in USA with Green Card.

CCIE R&S # 38471 - 03/2013

Vmware - VCP-NV – 03/2017

Linux systems management and Docker Container installations on E2E provisioning.

Delivery Design and Deployment on Open stack, KVM , Dockers and Kubernetes.

SDN, VNO , Cloud band Directory management and design support for End to End provisioning and SD-WAN structure.

Deployment different type of instances on Open stack and KVM virtualization platforms.

AWS architect designer trainings and component deployment. Develop API and SSH scripts on Ansible , shell and python.

Solution , Design and Operation on SDN , SD-WAN ( Cisco / Nokia ) , Provisioning

Cisco,Huawei,Juniper,Nokia,HP Routers,Switches ,Firewalls and / Virtualization(VMWARE, OPENSTACK), LINUX, SCRIPTING

High level Network customer support and Solution

Extensive experience on preparing MOP, LLD, HLD

E2E VNF design and installation of 2G , 3G , 4G and 5G components on CBIS ( Open-stack). E2E network design for PCRF,IMS,MME,FNG,FNS,HHS,HLR,CMM,CMG.

Extensive experience on BGP, OSPF, MP-BGP , MPLS IS-IS, MPLS-TE , Scripting , Segment Routing , CISCO VTS , NUAGE VSP, Nexsus 5k , 7k , 9k , WBX210, NOKIA 7750,OTV , FRR, Spanning Tree , Layer 3 IP Adressing , Firewall L4/L7 ,TCP/IP,IPSec, SSL, IPv6,Python ,Linux.

Network Virtualization (NSX)

VCP6-NV

NCIV- vSphere

Open Stack

CBIS 18

VTS 2.3

NUAGE 5.3.3,5.4.1,6.0.8

Projects

* CGN NAT ( Huawei , Ericsson A10) Data Network design and FNI
* IOS-XR Migration Project
* Turkcell-Superonline Core Convergence
* ASR 9K test and FNI
* Nexus 7K Test and FNI
* Network design for LTE and FNI
* Turkcell DC VTS-SDN Planning and Implementation
* 4G,5G Ip Network Design.
* Nokia P-GW,S-GW Network Design
* Nokia E-NodeB and G-NodeB Network Design
* Nokia 7750 Sec-Gateway Network design
* Ooredoo Cisco ASRs Network design
* Ooredoo NCIV IP Network design
* Ooredoo DC NUAGE-SDN Planning and Implementation

Trainings

* Decision and Problem Solving Training
* New DataCenter design , Nexus 5k , 7k and 9k and Cisco VTS Training
* 5G / G-NodeB / EPC-CORE Training
* Nokia 7750 Sec-GW and CGN Training
* Phyton 3.0 Training
* Nokia DSC-SDN Training ( NUAGE VSD,VSC,VRS,WBX,SR)
* VMware vSphere 6.7 Training
* AWS Certified Solutions Architect Associate Training
* AWS Certified Solutions Architect Professional Training

# Experience

 **Resident SDN (SD-WAN,DC) /System/Network Engineer working for COX**

## Nokia

Aug 2019 - Present (1 year 8 months +)

Delivery Design, Operation , MOP, LLD, HLD and FNI on SDN (SD-WAN,DC),VNO and CBND. Installation and design on SDN ( SD-WAN ,DC ) , BGP,OSPF,TCP-IP and security protocols on enterprise networks.

Linux systems management and Docker Container installations on E2E provisioning.

Delivery Design and Deployment on Open stack, KVM , Dockers and Kubernetes.

SDN, VNO , Cloud band Directory management and design support for End to End provisioning and SD-WAN structure.

Deployment different type of instances on Open stack and KVM virtualization platforms.

AWS architect designer trainings and instance deployment.

Develop API and SSH scripts on Ansible , shell and python.

End to End Provisioning and server-less script building on Python.

Customer dedicated support for SDN ( SD-WAN , DC) ,VNO,CBND solutions.

Working with end customer to explain product detail and giving trainings.

High level technical problem solution.

Working with 2,3,4 LS to solve critical problems.

 **Network ( Ip ,EPC-Core )/SDN(DC) Consultant Working for Ooredoo Qatar**

## Nokia

Aug 2017 - Aug 2019 (2 years 1 month)

Senior Network Solution Engineer Working for Ooredoo Qatar

Delivery Design, Operation and support on MOP, LLD, HLD and FNI on SDN and Provider EPC Core network.

Installation and design on SDN, BGP, OSPF, MPLS,TCP-IP, Multicast and security protocols on provider Networks.

Installation and design on Cisco 9k , 7609 routers , Nokia ( 7750 SR-12 ,7710 models) and Firewalls.

Lunix system and E2E ip design for GSM provider EPC-Core network.

E2E VNF design and installation of 2G , 3G , 4G and 5G components on CBIS ( Open-stack).

E2E network design for PCRF,IMS,MME,FNG,FNS,HHS,HLR,CMM,CMG.

SSH nd API scripts on Ansible , shell and python.

Working with end customer to explain product detail and giving trainings.

High level technical problem solution.

Working with 2,3,4 LS to solve critical problems.

 **Senior Network Engineer / Mobile-Core Ip Network**

## Turkcell

Jul 2010 - Aug 2017 (7 years 2 months)

Senior Data Network Engineer / Data Network Backbone

Design, Operation and FNI on Cisco-Huawei-Juniper-Alcatel Routers, Firewalls and Switches on MPLS Backbone. High level Network customer support and customer solutions. I have extensive experience on BGP, OSPF, MP-BGP , MPLS IS-IS, MPLS-TE , Scripting , Segment Routing , CISCO VTS , Nexsus 5k , 7k , 9k ,SDN ,OTV , FRR

Spanning Tree , Layer 3 IP Adressing , Cisco WLC , Firewall L4/L7 , TCP/IP , DNS, DHCP, HTTP(S), FTP ,IPSec, SSL, IPv6,Python ,Linux, Solarwins.

 **Customer NETWORK ENGINEER / Internet Service Provider**

## Turkcell Superonline

Oct 2007 - Jul 2010 (2 years 10 months)

Customer NETWORK ENGINEER / Internet Service Provider

Design, Operation and FNI on Cisco-Huawei-Juniper Routers, Firewalls and Switches on MPLS

Backbone. I have extensive experience on BGP, OSPF, MP-BGP , MPLS , IS-IS, MPLS-TE , Scripting ,

Segment Routing , SDN ,OTV , FRR

Spanning Tree (PVST, MST) , DHCP snooping , IP Source guard , Dynamic ARP , Layer 3 IP Adressing , Cisco WLC , Firewall L4/L7 , Networking theory, TCP/IP , DNS, DHCP, SMTP, HTTP(S), FTP ,IPSec, SSL, IPv6,Python ,Linux, Cacti and Solarwins.

# Education

 **Dogus University**

Engineer’s Degree, ELECTRONICS AND COMM. ENGINEERING ( Full Scholarship awarded by the University ) 2001 - 2006

# Licenses & Certifications

 **Cisco Certified Internetwork Expert Routing and Switching (CCIE-RS) ( Lab +**

## **Written)** - Cisco

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 **Cisco Certified Design Expert (CCDE) written** - Cisco

 **Juniper Networks Certified Internet Associate (JNCIP-E)** - Juniper Networks

 **Juniper Networks Certified Associate - Junos (JNCIA-Junos)** - Juniper Networks

 **Cisco Certified Network Associate Routing and Switching (CCNA)** - Cisco

 **Cisco Certified Network Professional (CCNP)** - Cisco

 **VMware Certified Professional 6 - Network Virtualization (VCP6-NV)** - VMware

 **Cisco Certified Internetwork Expert Service Provider (CCIE) written** - Cisco

 **Cisco Certified Internetwork DC (CCIE) written** - Cisco

 **Amazon Web Services Solutions Architect Associate Training** - Amazon Web Services (AWS)

 **Amazon Web Services Solutions Architect - Professional Training** - Amazon Web

Services (AWS)

# Skills

SDN • Network Architecture • Multiprotocol Label Switching (MPLS) • Cisco Certified Design Expert

(CCDE Written , 2015 ) • # Huawei University E8000 & Secoways Elog & Oceanstor S9300 products

Maintenanc • # Huawei University NE40, NE80 products Maintenance Traning (2012 ) • # Huawei University

S9300 products Maintenance Traning (2011 ) • Nortel 5312A Carrier Ethernet Operations Certificate (2010 )

 • # Nortel MEM Operation Certificate ( Metro Ethernet Manager (2010 ) • Alcatel-Lucent HNM Operation

Certificate (2010 )