



Contact

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Nationality: Pakistan National,
Australia Permanent Resident

Profile Summary

- 16+ years experience in Telecom Industry 3G/4G/5G covering Core CS/PS , RAN ,TXN , MPLS and data networks
- 6+ years experience in Cloud ,SDN ,NFV, Edge, Automation and Orchestration addressing both Telco and IT markets
- Unified Cloud Platform (Telco /IT /Public/Hybrid)
- Proven capability on Industry SDO's including 3GPP , IETF , ONF , ETSI , LFN , CNTT etc
- Participation in international conferences Openstack ,NFV congress etc
- Pre-sales and Post-sales Solution Architecture
- E2E Network design , rollout , system integration around multi vendor solutions
- Develop and Sale new era Cloud and 5G service solutions and services through partner ecosystem
- Client consulting ,CXO interface , RFI,RFP, Bidding
- Strategy , Budgeting , RFP and Design expert
- Telco industry Transformation , Telco Agile Services ,DevOps and Software based Agile Delivery
- Author , communicator ,influencer and technology evangelist

Saad Sheikh

Senior Architect (Cloud/Networking/Automation/SDN/Telco NFV/5G Infrastructure/Orchestration)
President Advisor on Cloud , 5G and Digital Transformation

Experience:

Jan 2018 ~date	Swedtel Arabia(STC Saudi Telecom project) Chief Architect (NFV /SDN /5G/Cloud and Orchestration)
Jan 2016 ~ Dec 2017	Huawei Middle East HQ –Bahrain Senior Architect (NFV /SDN /5G/Cloud and Orchestration)
Jul 2010 ~ Jan 2016	Huawei Pakistan Core Network Solution and Services Architect
Oct 2008 ~ Jun 2010	TNM Malawi (Southern Africa) Principal Technology Expert Core Networks (CS & PS Core)
Jun 2007 ~ Oct 2008	Warid Telecom Congo (Western Africa) Team Leader Core Networks (CS & PS Core)
Dec 2005 ~ Jun 2007	Huawei Pakistan Senior Engineer Core Networks (CS , Fixed , STP)
Jan 2005 ~ Dec 2005	HUTIC Telcom Research Center ,U.E.T Lahore ,Pakistan LAB Internee (Fix and Wireless GSM LAB)

Core Skills and Interests:

Cloud	9/10
Networking /SDN	9/10
Automation and Orchestration	9/10
NFV and CNCF Cloud Native	10/10
5G Infra and Edge Transformation	10/10
IT and Enterprise Cloud Success	10/10
Technology Management	10/10

Education and Professional Certifications

2005	Bachelors in Communication Engineering UET Lahore Pakistan with honors
2018	MBA professional SZABIST Pakistan with honors
2018	ITIL * Expert in IT Service Management
2018	TOGAF * Enterprise Architect
2010-2016	PMI-USA *PMP , RMP , ACP
2017~	DevOps associate from Aqonta
2017-2019	Networking and SDN Cisco * CCNA Juniper JNICA-Cloud SDN Architect ONF OCSA

Cloud Evangelist

2018~2019	Cloud Architect- RedHat Cloud (In Progress) RedHat * RHCSA , *RHCE , *Openstack 210, *OpenShift 280
2014~	Cloud Architect- Private Cloud Mirantis MCA100 ,COA ,VMware VCP DCV
2018~	Cloud Architect- Public Cloud Azure Solutions Architect Expert AZ103 , AZ300 , AZ301 Google GCP AWS Solution Architect , SysOps Developer
2019~	Cloud Architect- Hybrid Cloud • IBM Python for Data Science and AI • AI Programming and Chatbots • IBM Cloud , Open CV and Deep Learning

Career Summary

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I am a Senior Architect with a passion to architect and deliver solutions addressing business adoption of the Cloud and Automation/Orchestration covering both Telco and IT Applications industry. My work in carrier Digital transformation involve Architecting and deploying Platforms for both Telco and IT Applications including Clouds both Open stack and container platforms, carrier grade NFV, SDN and Infra Networking , DevOps CI/CD , Orchestration both NFVO and E2E SO , Edge and 5G platforms for both Consumer and Enterprise business. On DevOps side i am deeply interested in TaaS platforms and journey towards unified clouds including transition strategy for successful migration to the Cloud

With **16+ years** of diverse experience in ICT including (10Yrs in Telco) and **6+ Years** in ICT (Telco, IT, Cloud, Orchestration) I proved my capabilities as Solution Architect, System integrator and Transformation advisor. I am focused in defining NFV/SDN/Cloud solutions based on web-scale architectures, HA, reliability and horizontal scale with a passion to map business requirements to robust E2E technology architectures meeting client's requirements in most cost-effective manner. Ability to solve complex problems through architecture homogeneity and converged solutions.

- ◆ **Telco (16Y+):** NV/5G/Core/EPC/VAS/Wireless-4G/IMS /VoLTE /VoWiFi/MPLS & IP
- ◆ **IT/Cloud/Orchestration(6Y+):** Cloud, DC virtualization, IT Applications, NFVI Server, Storage, CI/CD DevOps,Orchestration ,MEC and Edge Clouds including Applications .
- ◆ **Networking(10Y+):** Infrastructure Networking and SDN .

Languages

English: Fluent command of English: reading, writing and communication skills.
Urdu: Mother tongue Arabic: Basic understanding

Contact Details

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Countries worked in

Saudi Arabia, Bahrain, Qatar ,Pakistan, Malawi and Congo Republic (Brazzaville)

Education and Professional Certifications

- Bachelors in Communication Engineering from UET Lahore with Honors
- Masters in Business Administration from SZABIST Islamabad with honors
- PMI® PMP , PMI® RMP
- PMI® ACP Agile for IT Projects
- TOGAF® Enterprise Architect Professional
- ITIL intermediate ® PPO ,SOA ,RCV ,SoR
- ITIL Expert ® in IT Service management
- RedHat OpenStack Certified EX210
- RedHat OpenShift Certified EX280®/EX180
- RedHat Certified RHCSA® ,RHCE®
- Community Openstack Certified COA
- Mirantis ® Openstack MCA100
- Azure Solutions Architect Expert AZ301
- Azure Cloud Architect AZ103 ,AZ300
- AWS Cloud Developer (CDA) Certified
- AWS Cloud Solution Architect
- AWS Cloud SysOps administrator
- ONF Certified SDN OCSA
- Google Professional Cloud Architect
- DevOps Associate Certified <Aqonta>
- VMware ®VCA , ® VCP 6.5 - DCV
- Cisco ® CCNA
- IBM ® Microservices , Artificial intelligence and Data Science professional
- Huawei Certified Cloud Expert Engineer
- Was Professional Trainer Huawei Middle East for NFV, SDN, Telco Cloud ,5G

Professional Memberships

- Member ETSI NFV ,ETSI MEC ,ETSI OSM
- Member 3GPP SA , Slicing
- Member TMForum and MEF
- Member CNCF Telecom User Group
- LFN Member CNTT , OVP and ONAP
- OPNFV EUAG Committee
- Jenkins/GitLabs
- Senior member SDXcentral & Linux academy
- Senior Member PMI EMEA

Industry Participation

- A writer in Linux foundation white paper on [ONAP consumption models](#)
- A writer in ETSI OSM white paper on [OSM integration in production environment](#)
- A writer in Linux foundation white paper on [Cloud native thinking for Telecommunications](#)
- A writer in ETSI on [Orchestrating Enterprise, 5g, edge and containerized applications in production](#)
- Conference speaker in U.S Network Transformation summit 2019 San Jose U.S /Layer123
<https://www.layer123.com/nfv-speakers/>
- Conference speaker in OSM#7 April 2019 organized by ETSI and Hackathon for Network slicing
<https://osm.etsi.org/wikipub/index.php/6th>

Key Skills

Core Competency

- Convergence of Public , Private ,Telco Clouds towards a Unified Cloud
- E2E Network Design, Deployment, System Integration, IoT, Build and Test
- Develop Technical presentations, RFI/RFP, integration solutions,
- Client consulting /CXO presentations commercial, business, technical
- NFV, SDN, Cloud,4G/5G Core, Telco Applications and Wireless Solutions
- Network Orchestration and Assurance mainly using ONAP and OSM
- Complete understanding of E2E Telecom network including Access (Fix/wireless) , 5G , Core, TXN,VAS in line with latest 3GPP standards.
- Hands on skills on VNF SDK's, Openstack, SDN, Python, Yang, MANO, ONAP, Networking, SAN/Ceph, KVM and Virtualization.
- E2E IT System Integration capability and Project delivery
- Technical issue management of Complex ICT Projects
- Operation Transformation of legacy Telco to Open Cloud Tools ,DevOps
- Service Solution building and Solution architecture
- Senior Architect for Telco services including MBB, FBB, IMS, ,DRA .EPC and complete portfolio of Cloud Core and Cloud Edge
- Support for E2E Cloud focusing IOT solutions based on Slicing
- Telco Service DevOps and Software based Agile Delivery

Technical skills

- **Cloud:** RedHat OSP , Mirantis MCP, Huawei Fusion ,Community Openstack , VMware VCenter/vCloud/vROPS , Amazon AWS ,Google
- **Hypervisor/Containers:** VSphere, KVM ,Huawei UVP ,CNCF
- **Containers:** Docker , Open Shift , PKS
- **OS:** RHEL, CENTOS, Windows , SUSE administration
- **MANO:** HPE VNF Director, Huawei Cloud Opera , ONAP distros
- **SDN:** Juniper Contrail , Cisco ACI ,Nokia Nuage ,Huawei AC , ODL
- **NFVI:** [HPE](#)(BL380 ,c7000, HP3PAR) , [Dell](#) (R740Xd, SAN) , [Cisco](#) (UCS) ,Huawei E9000 , Huawei Switches CE's /TOR /EOR
- **Storage:** CEPH , EMC IPSAN ,Huawei SDS
- **VNF Applications:** Core/EPC/VAS/VoLTE /VoWiFi /IMS /SMSC /STP /DRA /PCRF /HSS/ePDG/IoT Platforms
- **Performance:** FD.IO including SR IOV , DPK ,EPA
- **Technical specialties:** Deep understanding of ITU, IETF, 3GPP OpenStack, ETSI and SDN standards.
- **Programming:** Can program Java ,JSON ,Matlab ,Python, Yang
- Worked with HQ team to design the tool chain of NFV/SDN including edesigner, iquoter, cloud collections, cloud design, cloud reliability, ADE, cloud performance and cloud deployment and Agile JAD Processes.

Trainings

- Azure Cloud training 2019 AZ103 , AZ300 , AZ301
- Juniper Cloud training 2019
- RedHat OpenShift Platform D0180 , D0280 RedHat summit ® Power Trainer
- IBM Microservices, IBM Data Science , IBM Introduction to AI
- Google Cloud Platform Training in 2018
- AWS Cloud Platform Training in 2017
- Docker/Kubernetes K8S Platform Training in 2018
- Mirantis Openstack Training in 2016
- Redhat OpenStack and DevOps training in 2016
- TOGAF Enterprise Architect training in 2017
- SDN Training
- LTE EPC advanced training from Shenzhen 2014
- Convergence and HSS training from Shenzhen 2014
- CSFB and LTE voice training from Shenzhen 2014
- VoLTE and IMS training from Shenzhen 2014
- Wireless 3G/4G training from Shenzhen 2014
- DRA and Diameter training from Shenzhen 2014
- Effective Presentation Skills Work Shop by Professional development NUST
- Work Shop on "Project Management and Building successful Teams" 2008
- Training on NGN,STP,R4 Core (MSS,UMG,SOFTX,MRS,STP,CC08) in 2008

OSM Hackfest

- A writer of ETSI OSM Integration in Production networks
- A writer on ETSI OSM VNF onboarding guidelines
- A writer contributor on net manias www.netmanias.com
 - A contributor/Writer for PMI-USA Business Analysis standard 2017
 - A contributor/Writer for ETSI NFV /ETSI many Industry papers in 2018
 - A Contributor in Openstack / OPNFV /Jenkins/ CNCF
 - 2017-2018 Selected by Huawei global to be voice of Huawei for digital domains of NFV, SDN, Cloud, and Telco DevOps
 - 100+ cases/reports for Telco Services and 20+ Projects Case studies published on Huawei knowledge shared platforms
 - 500+ blogs published and ranked as Huawei top 300 writers
 - Conference Paper on Driving Telco towards All IP NGN services in competitive markets NGN Asia 09 Bangkok
 - Conference paper on NGN Evolution and Market dynamics for Telco and Enterprise market, ICEET 2014 Pakistan
 - Conference paper NFV & SDN use Cases. Hype vs. reality, LTE MENA 2015
 - Designed SIP AS using Java offering complete SIP hosting on internet
 - MBA Paper "Towards the Business-IT technology Alignment in Cloud and NFV environment" declared best MBA paper of MBA session 2014-2016 and published on University business research website

- Huawei 3G Core Network(MSS,UMG,NGHLR,PS Core) in 2010
- Core Network KPI audit and Optimization(Optima ,WEBWIZARD) in 2009
- Level- 2 Training on R4 Core Network ,PS Core , OSS in 2009
- Training on Huawei ATCA and IN OCS platform in 2010
- Level -2 Training on ALU GPRS, HSDPA and ICP in 2010
- Training on Ericsson AXE Operation and Configuration
- Training on Alcatel-Lucent WCS5060 ,MGW7570, NGHLR1430

Awards

- 2016-2017 Huawei Top20 most prolific writer of Year
- Huawei Global Best Technology Resource (C8 PRP) Award 2016 in the domain of NFV, SDN
- Huawei Middle East Best Technical Director Award 2016
- Gold Medal Award for best write-ups on 3ms Hi Blogs
- Huawei Global –Technology Pace setter Award for Year 2014 from Huawei GTS President
- Huawei ME Gold Seed Award for 2014 from Huawei ME CEO
- Core Network Multi Product Expert for Huawei Pakistan office 2012, 2013.,2014
- Excellent technical leader, Excellent Mentor, Excellent Team, Project Excellence Award for 2013.
- Best Core Network **Design Engineer** Award Huawei Pakistan 2012,2011,2010
- **Professional Scholarship** in 3rd year of Engineering at University
- All Pakistan Essay writing Competition runner up 2001
- Member of students **Discipline Committee and Sports Committee** in University
- **Captain** of University Swimming team and Second **Best Athlete** during 2004-2005 season
- **Position** holder in college.
- **Best Student of the Year** in College during 2001.
- **House Commander/Prefect** in college during 1999-2000

Detailed Work Experience

Swedtel Arabia (Saudi Telecom Company Project)

Since January ,2018

Chief Architect - Consultant Cloud and Orchestration Planning and Architecture Design (NFV , SDN , Cloud ,MEC , Edge DC's ,Orchestration and 5G practice)

Reporting to : GM Cloud and Network Infrastructure Planning and Architecture Design

Reporting to : President Swedtel Arabia

As Chief Architect I have following responsibilities

- ⚙️ Play an important advisory role in defining the STC journey to Digitization with focus on Telco/IT Cloud transformation, Telco NFV, SDN and Future Networking, Telco and IT Cloud merger
- ⚙️ Lead Planning and Architecture Design teams in building a realistic and future proof Cloud in both Telco and IT domains by participating in RFI,RFP, Vendor selection ,LAB and PoC's and running pilots of all relevant technologies in this domain
- ⚙️ Advisor to President Swedtel Arabia to lead a team consisting of 30+ partners to build system integrator positioning in Middle East encompassing 5G , Cloud and container adoption in both Telco and Vertical markets .
- ⚙️ Orchestration of Network and IT workloads with special focus on NFVO, E2E SO (MDSO) ,Service assurance and network readiness for AI /ML based on Cloud and Data Lakes architectures . It includes user cases analysis, business case validation, Solution architecture, Scope and RFX , HLD/LLD design, integration of SBI ,NBI and OSS/BSS entities to enable NaaS services.
- ⚙️ Responsible for STC Cloud architecture optimization involving both Telco and IT and its evolution towards unified architecture involving synergy between Central, Distributed, Public , Hybrid Clouds . In this capacity I am responsible for As-Is Cloud assessments, transition methodology ,solution architecture and application migration scenarios.
- ⚙️ Cloudification of Network edge with focus on 5G infrastructure involving C-RAN , MEC and 5G

- ⚙ Network transformation from PNF to NFV (VNF and CNF) involving detailed use case selection, architecture blue prints, scope definition and RFP's considering best practices from Industry and vendor solutions .
- ⚙ Define CAPEX requirements for Network evolution involving evaluating the solutions, prepare CAPEX models, calculations and justify to management to book budgets. Work closely with finance, business, strategy and design teams. The scope includes both IT and Telco workloads technology assessments, scoping and budgets, RFP and vendor selections ,migration architecture plans etc
- ⚙ Evaluate Network migration to Data Centers including both Telco and IT including DC Racking/Servers, Capacity planning , NFVI profiling and NW Migration .
- ⚙ Define E2E MV solutions for NFV including SDN and Telco Cloud. Build a thriving platform and Orchestration solutions
- ⚙ E2E Solution Architecture and Network Planning/Design involving RAN, Core, OSS/BSS, VAS and IP MPLS /TXN Network
- ⚙ Lead architect to study vendor solutions, market requirements and liaison with consulting firms to define company 3 year vendor strategy in Cloud domains
- ⚙ Liaison with SDO's, ISG and vendors to select technology path .Output technology vision documents defining technology architectures and recommended solutions and ensure its alignment across IT , Telco , Enterprise BU's .
- ⚙ Validate scope and design and Closely work with Design and other BU for successful design and implementation of future network
- ⚙ Closely participate in Cloud /NFV/SDN projects and routinely optimize strategy, planning and design methodologies in the form of Official planning guides, detailed technology write ups including KBS, Blogs and affective memos to rectify solutions
- ⚙ C Level Presentations and proposals influencing company's 3-5years strategy and evolution decisions
- ⚙ Work as company Chief editor for all sort of technology vision documents , white papers and industry collaboration including represent STC Company in following SDO's
 - TMforum NFV/SDN working Group
 - ETSI OSM , ETSI NFG ISG , ETSI NFV NOC and ETSI OSM Orchestration
 - LFN key open source projects ONAP ,CNTT (Reference architecture K8S Stream)
 - LFN EUAG member □ Openstack member □ Akraino
 - ONF targeting DCI , T-SDN and Cross Platform automation

Huawei Middle East Regional HQ , Bahrain

Jan 2016 ~ Dec 2017

Senior Architect - Consulting and System Integration
(NFV , Telco Cloud ,SDN ,DevOps, 4G/5G Core)

Reporting to : C&ITS Director / VP Middle East

Responsible for both Pre-Sales and Post-Sales engagements in Tier1 CSP's for projects related to Digital transformation using NFV, SDN ,Telco Cloud and 5G practicing unique principles of Agile delivery and Telco DevOps. During this time I worked on Carrier grade NFV involving vIMS,vEPC, vPCRF, vDRA , vUC, vSDB ,vSPS,vSBC,vDPI,vFW , vRouter , vCPE and IoT Platform ,Supported other Domains like VAS to evolve to NFV cloud and same time engage for RAN /Wireless evolution using C-RAN .For SDN mainly worked on Cross DCI SDN and Cloud VPN ,Worked on Telco Cloud of RedHat , VMware , Huawei Fusion , also worked on customer's engagement for 5G projects involving PoC's and RFP's involving System Architecture and E2E Solution validation with following responsibilities .

- ⚙ Lead NFV/Telco Cloud/SDN Solution architecture design, integration , tooling & customization with focus on Telco Application
- ⚙ NW Orchestration and E2E integration based on ONAP Framework. Products responsible are NFVO,E2E SO , ICT-Assurance
- #Slicing
- ⚙ Lead the Telco and IT Cloud synergy projects including Fusion Cloud , VMware Cloud , RedHat Cloud in multiple T1 customers
- ⚙ E2E Solution Architecture and Network Planning/Design involving RAN , Core , OSS/BSS , VAS and IP MPLS /TXN Network
- ⚙ Client Business & technical consulting on network evolution, design, integration service and transformation solutions
- ⚙ Lead the complete technical scope including SoC, Proposals, clarifications and commercials negotiations
- ⚙ Liaison with HQ for product requirement analysis, development and testing for all 3rd party Solutions and C level engagement
- ⚙ Build innovative solutions based on Telco DevOps and Agile JAD processes to support smooth transformation of T1 CSP's
- ⚙ Support region Key Commercial & POC projects delivery leading to the success. Take lead in solving cross vendor IoT issues and document lessons learnt to continuously optimize reference architectures and integration solution capability.
- ⚙ Core Network (CS, EPC, IMS, NGN, DRA, HSS, VoLTE, PCC , CPE) expert in solution design, testing, delivery, O&M, IT integration
- ⚙ Expertise in Red Hat, Mirantis, VMware, ONOS, ODL, Linux, Virtualization, Python API's , VxLAN , VLAN , Openflow , L2 VPN , BGP .
- ⚙ Writing KBS for topics related to NFV, SDN, OpenStack, Linux and Networking. I work as company curator on LinkedIn

Huawei Pakistan

Jul 2010 ~ Jan 2016

Cloud Core Network Solution/Services Architect
CS Core /PS Core /Single SDB/ DRA /STP

Worked as Architect in Core Network with special focus on **NFV and Cloud since May 2014** where I designed and delivered multiple NFV and SDN projects. I also take responsibility for solution architecture and delivery of **CS Core:** MSS,MGW ,LIG,NGN,STP,SBC,IMS, VIG, VoBB, UPATH, IP Centrex,M2000 , **EPC and PS Core:** MME,SGW,PGW,DNS,CG,SGSN,GGSN ,

Convergence: HSS, nGHLR, UPCC ,M2000 .I have the following responsibilities as Delivery Technical Director and Deputy Director TMO Technology Strategy.

- ⊗ Lead design and delivery of end to end NFV Projects in multiple T1/T2 customers including first multi-vendor NFV/SDN project in Middle east for Ooredoo Qatar using HPE, VMware, Juniper
- ⊗ Lead NFV/Telco Cloud/SDN Solution architecture design, integration, tooling & customization with focus on Telco Application
- ⊗ Lead the Telco and IT Cloud synergy projects
- ⊗ E2E Solution Architecture and Network Planning/Design involving RAN , Core , OSS/BSS , VAS and IP MPLS /TXN Network
- ⊗ Design & dimension Core network for Voice, Signaling, Data considering redundancy and all 3GPP latest features
- ⊗ Make pervasive plans for core network evolution involving KPI analysis, future enhancements, new features, upgrades etc
- ⊗ Presales & bidding support for RFP's ,SOC, BOQ, License, features & SOW for all Core Projects.
- ⊗ Core Design and Implementation (HLD/LLD/NDD/Integration/implementation Acceptance/SOP) and troubleshooting
- ⊗ End to End Core Network Swap and Migration strategies and CXO level presentations
- ⊗ PIP tracking ensuring in time delivery, timely identify and handle any risk that can affect successful Rollout
- ⊗ Core Network audits and KPI Optimization. Ensure network quality and redundancy plans implemented
- ⊗ E2E Solution Architecture and Network Planning/Design involving RAN , Core , OSS/BSS , VAS and IP MPLS /TXN Network
- ⊗ Detailed knowledge of 3GPP, TISPANB, ETSI, ITU, R4/R7 IP, ATM, SIP, MAP, INAP, SIGTRAN, H.323
- ⊗ Analyze current processes and propose enhancements in SOPs, Checklists and ensure Core team development of 40+ engineers
- ⊗ As TMO Leader responsible for Local Experts development, issue handling, end to end design of multi products

TNM Malawi , Southern Africa

Oct 2008 ~ Jun 2010

Principal Technology Expert **Core (CS and PS) Planning, Rollout & Optimization**
CS Core /PS Core /Single SDB/ DRA /STP/IN & VAS

As Technical Expert I have the following responsibilities involving Multi-vendor experience on Huawei, ALU (Nokia) , Ericsson and Juniper Products involving MSS ,UMG ,STP, OSS,nGHLR,PS Core MPLS Core and Firewalls . As Technical lead I worked on CSP IT transformation including Billing and CRM Swap using VAS-X , Star home Roaming and DWH with following responsibilities

- ⊗ Responsible for Core Network design and implementation, QOS reporting & optimization, Back Office O&M
- ⊗ HLD/LLD Design & capacity Planning. Manage Service requirements, capacity, capability and resilience.
- ⊗ Part of team responsible for RFQ evaluations for all new Core Projects.
- ⊗ E2E Solution Architecture and Network Planning/Design involving RAN , Core , OSS/BSS , VAS and IP MPLS /TXN Network
- ⊗ Core Network implementation as per PIP .Prepare acceptance documents and project hand over to O&M team.
- ⊗ Performance Reporting and KPI optimization .Analyze and remedy effect of changes/upgrades on QOS
- ⊗ SOP management and BO O&M support for efficient TT resolution and QOS of core Network.
- ⊗ Auditor Core and GPRS involving BOQ, Design, Performance, Traffic Balances and interconnects.

Warid Congo , West Africa

Jun 2007 ~ Oct 2008

Team Leader CS and PS Core Planning, Rollout & Optimization

I worked as a Team leader Expert for the Green Field Launch of Warid 2G/3G Network in Congo Brazzaville, I have the following responsibilities involving products CS Core, STP, HLR, PS Core and OSS including Huawei and Ericsson

- ⊗ HLD/LLD/NDD design & capacity planning, routing and signaling planning .Finalize BOQ and features
- ⊗ Migration to all IP R4 architecture /R4 CN implementation including system loading, configuration, integration & parameter tuning.
- ⊗ GPRS network. Integration with MPBN, MMSC, WAPGW, IN, GRX. MPBN NW using MPLS L3 VPN and VRRP
- ⊗ Acceptance testing. Quarterly inspection of NE's, SOP and Process management and BO O&M
- ⊗ Performance reporting & QOS analysis & fine tuning for CN optimization Analyze effect of changes on QOS & remedial actions.
- ⊗ IGW and Roaming setup .SMS service using Sybase. IREG voice and GRX. Audits and e2e QOS Optimization
- ⊗ Integration with BOSS /IT systems and responsible for Subscriber profiles definitions, verifications, audits with CRM

Huawei Pakistan

Dec 2005 ~ June 2007

Senior Engineer Core Network and MNP Specialist December 2005 – June 2007
STP and MNP Specialist Jan 2007 – June 2007

- ⊗ As Core Network(CS & Fixed) Engineer I worked initially on support and later on NRO responsible for startups, integrations, upgrades and Level-II support on MSOFTX3000,UMG8900,SG7000C&C08,SOFTX3000

⚙️ As STP and MNP specialist I have worked for Ufone STP/MNP Project including 4 STP Mated Pairs STP's and OSS. Responsible for IOT, deployment, support & Performance analysis for STP/NPDB /SRF /LSMS. Integration with CDBA. Phase-1 involved cutover to STP and Phase-II involved delivery of MNP

HUTIC (Huawei UET Telecom IT Centre) , UET Lahore Pakistan

Jan 2005 ~ Dec 2005

Lab Internee

⚙️ As internee I worked for Core & Fixed network deployment in HUTIIC using Huawei MSC1800/PSTNCC08/OLT-MD5500/ONU160B. Integration with Ericsson AXE-10 & PBX.

Internee

Jun 2004 ~ Aug 2004

Lab Internee

⚙️ June~ July 2004 Internee in PTCL Pakistan (ISPC) on Ericsson AXE10(APZ212 -20) responsible for O&M worked for routing configuration, call testing, C7 links and trunks addition, Study QOS

⚙️ July ~ Aug 2004 Two Months Training on NSN Nokia R4, Siemens R99 Core Internship in PTCL institute on switching skills on Siemens D1800, Nokia DX200 M13.6/M14, CDS, and MGW IPA2800 U3C/U4.