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Development Engineer
Network Engineer & Architect - AIX System Engineer

PROFESSIONAL BACKGROUND

2016 - 2019   **IBM** - Nice, France
Network Engineer - LAN Specialist & Junior Network Architect
Cisco IOS, ACI Nexus 9k & APIC

- SME - LAN Expertise on Major DataCenter based on Cisco Hardware: technical consulting and adviser, change validation, documentation update such as design, layout, port inventory, IOS version and Harrdware EoS, Migration
- Troubleshooting and failure analysis within a shared network support team
- Since 07/2017 - Junior Network Architect – Migration design and target plans for DataCenter relocation project in a team of expert & Architects
- Dedicated to customer account: Michelin

2015 - 2016   **IBM** - Nice, France
Junior IT Architect Infrastructure

- Manage and improve an internal Lab Architecture to provide virtualized OS platforms based in a simplified, reliable and quick way on following IT components :
    Network, Storage, SAN, SVC
    AIX , virtualization and System P Series, X Series and VMWare cluster
- Technical lead of a support team
- Provide daily support on above components : lpar/VM build, Storage & SAN (zoning, array/lun, mapping), incidents, OS and HW firmware updates, yearly electical cut, architect project implementation

2009 - 2015   **IBM** - La Gaude, France
AIX System Engineer

- Engineering, Building, Provisioning, Test, Delivering and Migration of AIX Systems and virtualization projects, based on several AIX technologies (HMC, VIO, SEA, VSCSI, SSP, VML, NPIV, LPM, LVM, LPAR, NIM).
- Scripting (ksh, bash): development of Automation, Administration and Inventory tools
- Author of Working Instructions for virtualized AIX Building, Delivering and Migration (nimadm, alternate disk)
- Troubleshooting and failure analysis for Customer AIX Systems within a shared Unix support team
- Main Customer accounts: Galerie Lafayette, Michelin, ACNielsen, Danone, L'Oreal.

2002 - 2009	**IBM** - La Gaude, France

Network Architect - LAN, WAN & Security IP Specialist
Cisco, Nortel Networks, Checkpoint

- Network Architecture Design, Engineering, Provisioning, Test, and Delivering of network projects, based on several multi-platform technologies (Cisco Systems, Checkpoint).
- Troubleshooting and failure analysis for Customer IP networks within a shared network support team
- Main Customer accounts: Valeo, Darty, Fnac, TMM, Monte Paschi Bank, and Saint Gobain.

1997 - 2002   **Nortel Networks** – Sophia Antipolis, France
IP Product Specialist
PP8600, Alteon, Juniper M-Series, Versalar, BayRS, BPS

- Consulting, trials and staging for Carriers and ISPs such as:
  Carrier One, Orange, Utfors, Telefonica, BTSpain
- Design, provisioning, troubleshooting, test activities of Core networks
- In-depth protocol and product analysis, liaising with sustaining team
- Elaboration of a tutorial on MPLS and L2/L3 VPNs with Juniper routers

1996 - 1997   **IBM** - La Gaude, France
Industrial Computing Engineer: C++, X, Lex & Yacc, OS2 and AIX
- Coding of a GUI for IBM 3746 IP/APPN router configuration and management
- Coding of a CLI for Frame Relay, PPP and X25 configuration on IBM 3746 router

1994 - 1995   **French Embassy** - Riyadh, Saudi Arabia
Cultural Representative (national service)
- Management of weekly cultural activities such as exhibitions & information center

1993   **Texas Christian University** - Fort-Worth, USA
Software Design Engineer (7-month internship): C++, X, Unix
- Implementation of a simulator for task allocations in processors grid
- Publication of a paper for the HICSS (2) 1994 on "Efficient Submesh Allocation Using Interval Set" (Maui, Hawaii, USA - Volume 2 - Sets 493-501)

1991   **Télémécanique** – Sophia Antipolis, France
Electrical and Computing Technician (2-month internship)
- Design and test of a four axes servo-controlling interface for TSX-7 automatons

SKILLS

Networking	**Technologies / Protocols**
	Ethernet, Token Ring, POS, PPP, ISDN, Frame Relay, ATM
	TCP/IP, VRRP, RIP1/2, OSPF, BGP, MPLS, MPLS layer2/3 VPN, DiffServ, QoS
	Vlan, Vxlan, LACP, NAT, GRE, L2TP/PPP, IPSec, RADIUS/TACACS+
	Cisco, Juniper, Nortel, Checkpoint trainings (1998 → 2006)
	Hardware
	Cisco switches and routers: IOS and CatOS based platforms, ACI nexus 9k and APIC, CSS Series
	Nortel switches and routers: PP8600, Alteon, BPS, Versalar, BayRS
	Juniper routers: M-Series
	Checkpoint SVN: VPN-1/FireWall-1 NG, IPSO
	Fortinet: FortiGate-200A, FortiAnalyser-100B
	IBM: BladeCenters (Switch Modules)
	Traffic generators: SmartBit, IXIA
	Software
	Sniffer Pro (Network Associates Inc.), Packeeter, VitalNet, Network Health, tcpdump, MRTG, Linux bgpsim (based on MRT library)
	Certifications
	Cisco CCNP BCMSN (2006), CCNA (2003)
	Checkpoint CCSA (2003)
	Nortel Alteon ACA (2001)
UNIX Systems	**Technologies**
	AIX, NIM, HMC, VIO, LPAR - SEA, VSCSI, VML, NPIV, SSP, LVM, DLPAR, LPM
	Shell scripting (ksh, bash) : inventory, administration and automation tools
	Full AIX admin training cursus (2011)
	Redhat, Ubuntu, Suse (2016 Suse academy for CLA/CLP)
	Hardware
	IBM: Power Series P6, P7, P8, X series, BladeCenters
Storage & SAN	**Hardware**
	DS Series (5300, DCS3700), V7000 : zoning, array, lun, mapping
	IBM SVC (San Volume Controller) : mdisk, mdisk group, vdisk, thin/thick, compression
	IBM SAN Fabrics (SAN80B) : zoning
Other	**Languages:** C/C++, Java, Shell (ksh, bash), ADA, PASCAL, Assembly, Client/server, Lex & Yacc, OMT
	Web Hosting : WebSphere / J2EE
	ASIC: VHDL, SpeedChart, ViewLogic, Solo 1400, Compass
	Certifications: ITIL Foundation (2007)
Languages	English: fluent, working language
	French: mother tongue

EDUCATIONAL BACKGROUND

1990 - 1993	Engineering Diploma
	IRESTE University of Nantes, France, Electrical & Computing School
1988 - 1990	Classes Préparatoires Technologiques in France: Mathematics, Physics, Mechanics
1988	Baccalauréat E: Mathematics, Physics, Mechanics

MISCELLANEOUS

Hobbies	Computers, photography
Sports	Roller hockey (as player & coach of senior team), climbing, skiing, mountain bike, hiking sailing, gliding, running

Full and clean car and motorbike licence