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English: fluent
Localisation: Nantes
Car and motorcycle driving licence.
50 years old



IT MANAGER / DIGITAL ARCHITECT

30 years of experience

General Skills

- Team management, driving cross-functional technical projects, change and risk management
- Design and optimization of infrastructures: systems architectures (Unix, Linux, Windows), DevOps, cloud & green IT, GDPR (Privacy by design, Security by default, Accountability), Big data, storage, virtualization
- Process & best practices implementation (ITIL, ITSM, ISO 9001), qualitative indicators, KPI, SLA, monitoring of budget constraints
- Professional IT technical, best practices & DevOps teacher / trainer for engineers and administrators
- Analysis and programming.

Computer Skills

- Operating Systems** → Linux (RedHat Enterprise 8, Debian 10, openSUSE 14), Unix (FreeBSD 12, Solaris 10), Windows server 2019, OS/400
- Open Source** → Shell scripts, Apache, Squid, GLPI, OCS Inventory NG, FusionInventory, PostgreSQL, MySQL, Zabbix, Nagios, Centreon, Subversion, Samba, Postfix, Bind
- Networks** → LAN-MAN-WAN, TCP/IP, DHCP, FTP, SSH, NFS, NTP, SMTP, IMAP, POP3, SNMP, NIS, DNS (delegations, round robin)
- Security** → Active Directory, pfSense, Checkpoint firewall, Symantec Endpoint Protection, Sophos antivirus & antispam, IPTables, FreeIPA, DICT, RBAC, Wireshark
- DevOps** → Docker / Kubernetes, Ansible, GIT, VMware vSphere ESX, Jira, Confluence
- Programming** → HTML 5, CSS 3, Bootstrap 4, JavaScript, jQuery, PHP, Visual basic, SQL, C
- Softwares** → Oracle, IIS, Microsoft Visio, Ms-Project, Exchange 2010, Backup Exec, Arcserve, What's up gold, Quality Center, Office 2016 & macros
- Hardwares** → IBM, HP, Sun, Dell, Cisco, Juniper, Quantum, Nokia.

Qualifications & Training

- ITIL** → Foundation V.3 (2009)
- Master degree** → Paris VI university - 10/2003 to 11/2004
 - **Unix** systems, networks - **C** Programming
 - Hardware architecture, telecommunications, security.
- Bachelor Degree** → Management Information, (I.P.I. Colmar, 1997)
 - Systems architecture, networks, analysis - Programming.
- High School** → CAP ESAC (1994) & BP IT systems (1995) alternately, GRETA Mulhouse.

Professional Experience

Digital teacher consultant



Freelance, Nantes & France - 01/2018 to now

- Teachings for engineers and Master's degree, end-of-School auditions (jury Member)
- trainings for adults on IT systems: technical infrastructure, organization and process (DevOps & ITIL)

Big Data Architect



250.000 employees

Le Groupe La Poste, Paris - 01/2017 to 06/2017

- ✓ Implementation of **Big Data** / Fast Data solutions, to improve customer knowledge:
- **Convergence** of transversal IT architecture patterns
- **DevOps** / **Agile** Industrialization: **Docker**, Git, Jenkins, Ansible, Scala
- Related perimeters of the Data Lake: **GDPR**, Single Multi-Channel Customers Digital ID, Open Data **APIs**
- Open-source** environment:
 - Linux CentOS 7.3, **Hadoop** / **HDFS** distributed systems (**Cloudera**)
 - Apache: Mesos (Mesosphere, Marathon), ZooKeeper, Kafka, Spark, AirFlow
 - Elasticsearch, Logstash, Kibana, Zeppelin, Dataiku.

Cloud / SaaS Manager



500 employees

Generix Group, Paris - 02/2016 to 07/2016

- ✓ Worldwide Cloud / SaaS services & EDI management:
- Security & **process management**
- migration from Citrix XenApp Presentation Server to **Microsoft RDS 2012**
- **prestigious customers**, demanding on a **high quality** of services: "Just in time" flows (Nestle, Coca-Cola, Carrefour, Leclerc, Ferrero, Carlsberg...)

Datacenters environnement: AD 2012, Remote Desktop Services (Web access, Gateway, Licensing, Connection broker, Session host), WSUS, VMware, PRTG, Ansible, ELK stack (ElasticSearch, Logstash, Kibana).

Infrastructures Architect



60.000 employees

RATP, Noisy-le-Grand - 08/2015 to 11/2015

- ✓ Definition of new technical offers for the future cloud based infrastructure:
- Analysis and comparison of the needs expressed by the projects manager, in relation to the existing Datacenter technical services
- definition and classification of patterns of **target architectures** for the evolution of **services catalog**
- proposal of changes for the third part DBMS's **high availability**.

Geo-cluster datacenter environment : RHEL 6, Apache, Tomcat, PostgreSQL, VMware 5.5, F5 Big-IP, SAN EMC² (SRDF).

CTO



30 employees

Altiole, La Défense - 04/2015 to 07/2015

- ✓ Responsibility of the technical infrastructure, and its evolutions:
- **Cross coordination** with internal functional teams and customers (business improvement, KPI...)
- ITIL / Agile methodologies (**continuous software implementation** & optimization, changes & risks management)
- implementation of a new front-end **web connections** infrastructure (CentOS, Apache, PHP, GIT, PostgreSQL), and **supervision** solution (Zabbix).

Datacenter environment : Open Source (Debian), Cloud IaaS/SaaS, virtualization (VMware), MySQL, Symfony2, Mass emailing, load balancing.

Information Systems Auditor



130.000 employees

→ Groupe Caisse des Dépôts/SNI/Efidis & Jalma, consulting in Paris - 04/2014 to 07/2014

- ✓ Organizational and technical audits:
 - Writing technical architecture and **matrices flows** documentation
 - definition of responsibilities (RACI) and process **optimization**
 - implementation of ITIL methodologies (**change management**, incidents, continuous improvement)
 - development of security policies and **configuration management**
 - restructuring backup policies (VMware, messaging, files), retention and archiving
 - redefining the thresholds and alerts monitoring tools.

IT Manager



66.000 employees

→ Safran, (Paris area) - 08/2013 to 11/2013

- ✓ Sagem Historical Data Center Relocation:
 - **Management**: 4 people (run) + 3 experts (build)
 - implementation of intercompany encrypted WAN links and **VMware** virtualization
 - **Active Directory** Migration (4 domains) + DNS, LDAP, NIS, and DHCP
 - **risk analysis**, priority management, change (RFC, CAB)
 - licensing pooling (KMS, Symantec, FlexNet / MATLAB ...)
 - supervision (**Nagios**), inventories (**GLPI**) SAN backups (Netbackup).

Infrastructures Architect



173.000 employees

→ Véolia / Dalkia, La Défense - consulting via Pi-Maat, 01/2013 to 07/2013

- ✓ Supporting of application projects offerings (mobility, 5,000 terminals) on a centralized **urbanization strategy**
 - Development of POCs and Technical Architecture Specifications, validation and control of the implementation of **cloud** infrastructure (IaaS)
 - development and adjustment of **technical guidelines** for data centers (6 x 100 HA server environments); risk control established by the IT team
 - **Compliance methodologies**, tools, standards and governance rules.

Datacenter environment : WebSphere, Apache, load balancing, VMware farms ESX, SAN, Oracle/Sun Containers, Cisco, Tibco EAI, Citrix

Infrastructures Architect



>200 employees

→ Groupe Hospitalier de Montfermeil – consulting via Sogéti, 2012

- ✓ Pooling of health information system shared across Ile-de-France on a secure datacentre:
 - Broadband network outsourcing connections and PACS (Picture Archiving and Communication System): TV & radiology medical records
 - **change management**: interface between business editors (McKesson) and computer manufacturers, management of subcontractors
 - **mapping application flows**, selection and validation of architectures.

Architecture consultant



6.000 employees

→ Canal+, Hauts-de-Seine - freelance via APSIDE, 05/2010 to 12/2011

- ✓ **Dematerialization** of audiovisual media: implementation of a new platform to exploit digital media:
 - Modernization and technical Infrastructure Validations, **best practices** (planning and conduct of test campaigns: 3000 certified points)
 - definition of ISO quality processes (Quality Center) for notebooks of recipes, centralization and implementation of "Changes request" solutions and "Defects" (**ITIL**)
 - coaching providers (centers of expertise), **technical validations**
 - configuration of SNMP-based management tools (What's up Gold).

Environments : **RedHat Enterprise 5.4, Windows 2008 R2, VMware ESX 4, IBM BladeCenter, SAN DDN, Quantum, Oracle, MS-SQL, Juniper.**

Transversal projects coordinator



150.000 employees

→ GDF - Suez, Paris - freelance via GFI, 03/2009 to 03/2010

✓ Grouping and **urbanization** of the GDF/Suez SI entities:

- Scoping studies, management of **change requests**, service levels (SLA) and major incidents
- steering committees, **workflow optimization**, improve timeliness (ITIL)
- **cross coordination** (~ 100 people) between the project teams and the experts division (telecommunication/security, run, operational maintenance).

Projects team:

- Migrations/put in production 300 redundant **Windows 2008** servers (AD, DNS, GPO, SCOM, Exchange, Citrix, Networker) in the **datacenters**
- support of antivirus impacts and shields networks protection (**Symantec SEP**)
- setting up the virtual testing environments (**VMware**)
- writing of technical specifications for pre-production
- collaboration in the preparation of the deployment of 20,000 desktops computers (Windows 2000 to Vista, SCCM, PowerShell).

Experts division:

- Harmonization and fusion of security rules for sensitive sites with the network architects (**Cisco**, IPS/IDS)
- recommendations on the sizing of the Citrix bandwidth network access points (**Cacti, Nagios, Wireshark**).

Linux trainer-consultant



→ Freelance, various training centers, France - 06/2008 to 02/2009

✓ Courses in Linux and **Solaris** for Windows experts:

- Delivery of seminars for these operating systems
- case studies, **architectural simulations**, conduct of practical works
- writing course material.

IT Manager



→ Keops Immobilier, Paris/Lyon - freelance via ITS Group, 04/2007 to 05/2008

✓ **Division, migration and relocation** of the information system:

- Setting up the master plan, architectural studies, planning
- **design** of a new functional & technical infrastructure (Windows 2003, Linux), writing of operating procedures
- **cost / quality / time management**, prospective suppliers, recruitment and providers management
- implementation of an IT asset management system (**OCS** Inventory NG), a **service center (GLPI)** with VMware, and backups (Backup Exec).

Unix systems Engineer



9.000 employees

→ Etablissements Français du Sang, central services, Paris - 03/2005 to 03/2007

✓ **Moving** the central IT system: implementation of a business continuity plan (2 datacenters) **redundancy** servers, networks, services and applications:

- Installation / **migration** of 50 **Solaris** & **Linux** servers, **DNS**, SMTP, DHCP, MySQL, **PHP** programming (LAMP, PHP-Nuke, WebDAV, SPIP)
- administration of 8 500 user accounts (**sendmail**, **Sophos** antivirus & antispam)
- security : Firewall (**Nokia/checkpoint**), **DMZ, high availability**
- deployment of **Human Resources IT systems** Foederis : Linux, Tomcat-**Apache, Oracle** 10g (3-tier architectures)
- backup / archiving : **NAS**, disk images, exports, ArcServe.

Diploma

→ Master: Unix IT systems specialization (10/2003 à 11/2004)

Responsible informatique



EMTS France - (Nokia & Sony-Ericsson after sales service), Levallois-Perret (92) - 06/2002 to 04/2003

- **IT financial management** needs analysis, oversight of subcontractors' work
- **recruitment & management** of IT
- migration from the historic **ERP** to Navision (Microsoft Dynamics NAV)
- definition and implementation of the **safety / production rules** for the multi-site networks (**ISO 9001**)
- attribution of quotas for the **mail** server (Groupwise / GWIA) and files.

ERP project Coordinator



Chambre du Commerce / Industrie, Mulhouse - C.D.D. 03/2001 to 11/2001

- ✓ Integration of a new port movement management **ERP**.
- Project management, validation of functional models (MOA)
- servers Windows NT 4 and **Oracle 7.3** database administration (**WAN**)
- creating analysis on **Business Objects** and Designer.

Systems and Networks Administrator

100 to 200 employees

Missions for various accounts, Alsace - 04/1999 to 03/2001

- Administration of **Linux** & NT 4 servers (filer, spool printing, Ms **Exchange**)
- definition and writing of quality procedures **ISO 9001**
- software development with **Visual Basic** on Excel and **Access 2000**
- switching computer network from Macintosh to PC, Windows NT 4 & Novell Netware 4 server deployment, mail systems management (CC Mail & **Lotus Notes 4.5**).

Systems Analyst

20 to 300 employees

Missions for various accounts, Haut-Rhin - 1998 to 1999

- Writing of functional specifications, Merise methodology
- programmation en **Visual Basic 5** programming (Active X, DLL, DDE & ODBC links), software development on **Windev 5.5** (SGDB **Access** & DB2)
- **S.Q.L.** & PL-S.Q.L. on **Oracle 7**, **Unix** environment, AMC designer.

Diplomas

3 diplomas up to Bachelor in IT systems (1994 to 1997)

IBM AS/400 Operator

Bubendorff, & Novartis (ex Ciba-Geigy), Haut-Rhin - 1991 to 1993

- **Migrations** IBM 36 & 8150>AS/400. Management and operation of these systems.

Leisure Activities

- "Backpack" travels: Vietnam, Laos, Cambodia, Thailand, Indonesia, Egypt, Tanzania, Oman, Morocco, Greece...
- Gliding, diving, photography, video, Karate-Do, trekking, swimming, biking, cooking, and... computer science.