Nicolas Bertin
44100 Nantes
France
41 years old

INFRASTRUCTURE ADMINISTRATOR DEVOPS
20 years of experience

SOFT SKILLS

- Self-taught
- Autonomous, rigorous and methodical
- Curious and passionate
- Client orientation

AREA OF EXPERTISE

Language :	C, C#.Net, PHP, Python, Bourne Shell, PowerShell, Jinja, Helm
Network :	Ethernet and Optical Fiber, Level2/3 Networking, Filtering and segmenting, security and remote access, WLAN
Telecom :	ToIP Avaya and Alcatel
Device :	Switch Cisco and Avaya, Cisco ASA, Fortigate, Servers HP, DELL and IBM, industrial device Zebra and Honeywell
System :	Servers Windows NT4 to 2016, Windows XP to 10, Linux Debian, CentOS, VMWare Vsphere 6, Xen 4
Apps :	Containerization : (Docker and Kubernetes), Automation : (SaltStack, Ansible, Jenkins, Rundeck, Gitlab), SCM : (Gitlab, SVN), Web (Tomcat, Nginx, Apache, HAProxy, MS IIS), DBMS : (MariaDB, PostgreSQL, MSSQL), Supervision : (Prometheus, Centreon, ELK), Artefacts : (Artifactory, Nexus), CRM : Drupal, Security (Nessus, PFSense)

PROFESSIONAL EXPERIENCES

2019/06 to 2021/04   **Infrastructure Administrator** – Bank Nickel (FPE)
Management of the company's cloud and datacenter production environment (Google Cloud Platform, Rackspace)
Applications integration in Kubernetes environment (Helm, Jinja)
Carrying out projects as part of a change of hoster :
- Audit of Legacy middleware environment composed of .Net Web Services
- Rationalization and design of the new Microsoft IIS infrastructure
- Implementation of a Continuous Integration process for .Net Web services

2017 to 2019/01   **Infrastructure Administrator** – Sodifrance for the Ministère de l'Europe et des Affaires Étrangères
Development Forge administration
Participation in the building of the forge of a new development zone
Integration of web applications into the Ministry's SSO: application SAML or reverse proxy apache with Shibboleth module
Creation of Debian packages for application integration then creation of SaltStack states

2015 – 2016   **Infrastructure Administrator** – Sodifrance for Laita, Even group
Administration and maintenance in operational conditions of the site infrastructure
Advice and support for users
Carrying out projects to develop the site's infrastructure :
- Assistance with the complete overhaul of the site network (18 bays, 30 switches)
- Carrying out network projects (segmentations and setting up firewalls)
- Creation of Windows Server 2008 R2 master and workstations masters

2012 – 2014   **System and Network Administrator** – Twentyfive Technology, Oxalide Group
Administration and maintenance in operational conditions of the clients infrastructure
Advice and support for users
Carrying out projects to develop the clients infrastructure

2011 – 2012   **Security Administrator** - Sogeti for Hewlet Packard Alcatel-Lucent Entreprise Services
Verification of the conformity of security rules applied to servers before they are put into production (Audit Nessus : patch updates, security baselines and configuration of logging to the log concentrator)
Participation in annual audits of servers within the Sarbannes-Oxley scope

2005 – 2011   **System and Network Administrator** – Mutuelle MGC
Administration and maintenance in operational conditions of the company infrastructure
Advice and support for users
Carrying out projects to develop the site's infrastructure :
- Evolution of servers, Microsoft domain and messaging (NT4, 2003, 2008 ; Exchange 5.5, 2003, 2007)
- Redesign of the company's internal network (RFC1918, segmentation, agency network and ToIP)
- Creation of a Web service in C# .Net in order to provide an external SSO service using Microsoft Active Directory

LEARNINGS / DIPLOMA

2018	-	DevOPS fondation Certification- Orsys Atlantis – Saint-Herblain (44)
2017	-	Docker Learning - ENI – Brest (29)
2016	-	VMWare Vsphere Learning : Install, Configure, Manage v6.X – IB groupe Cegos – Saint-Herblain (44)
2012	-	ITIL fondation V3 Certification– Sogeti Institute – Issy les Moulineaux (94)
2011	-	Degree Licence Informatique Générale – CNAM – Paris (75)
2009	-	Cisco CCNA Learning – GlobalKnowledge – Rueil (92)
2005	-	Diploma BTS Informatique de Gestion, option Network Administrator – Akor Alternance – Paris (75)

LANGUAGES

English professional (BULAT niveau 2)