

Valentin Maillot | System Engineer

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Resourceful and skilled IT professional with more than 8 years in IT Infrastructure Operation and DevOps experience. Solid abilities in system administration and team work.

Skills

Personal: Communication and strong interpersonal skills, ability to work cross-culturally, collaboratively as a team player and independently, punctual

Systems: GNU/Linux (Debian based, RHEL based, Arch, Alpine), MacOS, Microsoft Windows Server

Infrastructure: Ansible, AWS, Chef, Docker, GCP, Git, Grafana, Kops, Kubernetes, Puppet, Prometheus, Terraform

Programming: Bash, Python

Methodologies: Agile, Scrum

Industries: Pharmaceutical, HR Management, Media

Languages: Fluent in English and French, intermediate level in German

Work Experience

Swiss Aviation Software

Allschwil, Switzerland

Cloud Engineer

feb 2020 - now

- Harmonizing the backup process by using BorgBackup open source solution (Shell)
- Developing new Terraform modules (automatic deploy in vSphere)
- Maintaining existing Puppet and Terraform modules
- Deploying automatic tests on backup recovery (GCP, Python, Shell, PostgreSQL)
- Designing and drawing Cloud Infrastructure depending on customers expectations
- Deploying infrastructure for new customers to support AMOS solution (GCP, Terraform, Puppet, Foreman, CentOS)

Keywords: GCP, Puppet, GNU/Linux, CentOS, Docker, Kubernetes, Terraform, Prometheus, Grafana, ELK, Shell, Python, PostgreSQL, Agile, GitLab, Kanboard, Confluence, Mattermost

Nuglif

Montréal, Canada

Linux System Administrator

jan 2018 - nov 2019

- Managing Kubernetes clusters (on-premise & AWS)
- Managing GNU/Linux servers (CentOS, Ubuntu, CoreOS)
- Migrating a VMWare Datacenter to the Cloud (AWS)
- Migrating applications from on-premise Chef Cookbooks to Kubernetes on AWS
- Monitoring and alerting management using Sensu, Prometheus, Grafana, PagerDuty and Splunk
- Implementing, supporting and maintaining cloud infrastructure with Kops and Terraform
- Automating deployment and development tasks using Jenkins and Bitbucket
- Developing Ruby Chef cookbooks and recipes
- On call shifts using PagerDuty
- Working with Agile and Scrum methodologies

Keywords: AWS, Chef, GNU/Linux, CoreOS, Docker, Kubernetes, Jenkins, Kops, Terraform, Prometheus, Grafana, Graylog, Splunk, Shell, Python, Agile, Scrum, Bitbucket, Jira, Confluence, Slack

Meta4

Sausheim, France

System Administrator

may 2014 - aug 2017

- Maintaining Production and internal environments Windows Server and Ubuntu servers
- Managing Microsoft SQL and MySQL databases servers
- Deploying application servers (Meta4 PeopleNet servers, Apache, Tomcat)
- Monitoring applications with Pandora FMS and Nagios
- Automating daily tasks with Shell scripts development
- Writing documentation
- Migration Production infrastructure after hosting change
- Defining and mapping network architectures with Microsoft Visio
- Controlling and installing daily developed data
- Supporting external (clients) and internal worldwide Meta4 agencies
- Automating monthly performances report (PHPEXcel, Shell)
- Upgrading Meta4 PeopleNet (proprietary software)

Keywords: Windows Servers, GNU/Linux, MS SQL, MySQL, Apache, Tomcat, Shell, Visio, PHPEXcel, Cygwin, SVN, Tortoise, SSO, Shibboleth

Trinaps

Belfort, France

System Administrator Internship

may - jul 2013

- Automating configuration management on network devices with Rancid
- Wiring fiber optic and network devices installation for the Eurockéennes de Belfort music festival
- Discovery of the Proxmox virtualization tool and daily use of open source softwares

Keywords: Shell, Rancid, Open Source, Proxmox, GNU/Linux, Debian

Novartis Pharma AG, NIBR IT

Basel, Switzerland

Internship and Summer Intern as System Administrator

mar - sep 2012

- Improving content quality of the internal inventory tools system RAPID with PowerShell
- Developing scripts to optimize MS SQL Database accuracy
- Discovering and implementing Nagios
- Enhancing many maintenance operation procedures in *Novartis* datacenters

Keywords: PowerShell, MS SQL, Nagios, Datacenters procedures

Novartis Pharma AG, NIBR IT

Basel, Switzerland

Internship and Summer Intern as System Administrator

apr - sep 2011

- Developing an interface between two inventory applications, RAPID and GLPI with PowerShell
- Getting dependencies between applications, servers, ESX and databases
- Improving recovery process in case of major incident

Keywords: Open Source, GLPI, PowerShell, Perl, VMWare, PowerCLI, MS SQL

Education

Belfort-Montbéliard University

Belfort

Bachelor of Computer Sciences

2012

Distributed application, system administration and maintenance

Belfort-Montbéliard University

Belfort

Diplôme Universitaire de Technologie

2011

Information Technology and Systems Development

Jean-Jacques Henner High School

Altkirch

Baccalauréat Engineering Sciences, Physics-Sciences Option

2009

French secondary school diploma

Certification

Kubernetes Certified Administrator

Altkirch

CNCF (Cloud Native Computing Foundation), CKA-1900-004385-0100

6 dec 2019

Expires december 2022

Interests and Hobbies

IT: Open-Source & Free Software, Debian based K8s cluster on Proxmox, Online Anonymity, Privacy and Security enthusiast, daily use of GNU/Linux

Music: Guitar

Sports: Skateboard, Ice Hockey, Snowboard, Surf, Swimming