Adrien Desprez — Senior DevOps Engineer

📞 +33 6 27 91 20 44 • ✉ adrien.desprez@gmail.com • adesprez.github.io

in adrien-desprez

Summary of Qualifications

I am a Senior DevOps Engineer, with 10+ years of experience.

Dealing with Private and Public Cloud micro-sevices based application deployments and management, on self-managed Kubernetes or AKS or VM based deployments.

Efficient in Python and Bash scripting, I'm using orchestration tools like Ansible, Terraform, Helm charts, ArgoCD. On all my positions, I've been working close to the development team, to make software integration in production as smooth as possible.

Professional Experience

mAdme   **Dublin, Ireland**
DevOps Engineer   *Since August 2017*
- Manage a B2C application across multiple cloud platforms for a total of 150M+ daily users
- Deploy distributed microservices Java apps on Kubernetes, AWS, OpenStack and Azure
- Provision cloud resources on Public and Private Clouds thanks to Terraform
- Maintain and develop Chef cookbooks for microservices deployment and configuration
- Install and improve Prometheus and Grafana monitoring
- Develop Python scripts to automate various tasks

V3D   **Lyon, France**
Systems Engineer   *January 2014 – June 2017*
- Design a high-availability platform and successfully scale from handling 100k measures a day to more than 40M
- Improve servers management process to gain time and consistency on various environments: staging, preproduction, production
- Push Operations and Development teams towards faster integration thanks to solutions based on Jenkins and Ansible
- Contribute in setting up monitoring solutions for servers and applications, sometimes with custom scripts development
- Design software integration solutions to match customers specific needs and environments
- Investigate on applications issues, with the collaboration of the development teams, track progress into issue tracking system

Digitaleo   **Rennes, France**
Exploitation technician   *October 2010 – December 2013*
- Day to day servers management on staging, preproduction, production environments within a team of exploitation technicians, platform provisioning
- Deploy new releases with automation software, help increasing delivery rate to several deliveries a day inside an Agile team
- Collaborate with mail, SMS and call platform providers in order to assure good delivery of marketing campaigns
- Help qualify and investigate products issues, track progress into issue tracking system

Skills

Kubernetes, ArgoCD, Helm, AWS, OpenStack, Azure installation, configuration, backup, monitoring (Prometheus, Grafana, Nagios, Cacti, Hyperic) – Automation with Ansible, Terraform, Chef, Fabric – Integration with Jenkins and Python – Scripting with Python and Bash – Distributed infrastructure setup (HAProxy, Apache, PostgresSQL, MySQL, Elasticsearch, Hazelcast) – High-availability setup with HAProxy, Keepalived, DRBD, Heartbeat – Version control and bug tracking with git, BitBucket, Jira.

Education

Université d'Angers, France   **Logiciels Libres et Propriétaires pour Systèmes, Réseaux et Bases de Données**
Bachelor's degree   *2010*

Languages

French: Native language

English: Lived/worked 13 months in Dublin, working remotely for an Irish company since August 2017