

# Florent Batard



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Driver license  
French – Swiss Resident

## DevSecOps Engineer

### Academic Achievements

- 2007 - 2010** Engineer diploma, with first Honors **Cryptography, System, Security and Network** at **Polytech'Nice Sophia**
- 2006 - 2007** **Bachelor of Science** with Honors at **Oxford Brookes** University (UK)
- 2004 - 2006** **DUT Informatique**, Génie Logiciel at IUT2 in **Grenoble**

### Professional Achievements

- 2019 -** **Head of Infrastructure** at **Hacknowledge S.A** in Préverenges
- Creation of the department to handle 600 hosts and 30 Elasticsearch clusters
  - Creation of the operational processes related to SLA and on-call flow
  - Creation of the whole delivery flow from commercial offer to on-premises delivery (Stocks, automated installation, automated configuration, shipping)
  - Piloted the **monitoring stack** creation based on **InfluxDB/Telegraf**
  - Implementation of the **CI/CD processes** and creation of QA environment promotion flows for security services
  - Extension of the automation of internal services deployments through **Ansible** including **molecule** role testing
  - Renewal of the commercial offers for hardware at customers premises and dealing with customer/partners/suppliers' relationships.
  - Initiated migration of the internal services to **Azure** (Blob Storage/AzureAD)
- 2017-2019** **Site Reliability Engineer** at **Nintendo** at their Headquarters in Kyoto.
- Responsible for the worldwide **eShop** accessed on-devices (3DS, Switch) and off-devices (websites and partners offerings)
  - Migration of the monitoring platform to **Datadog** across all cloud accounts.
  - Orchestration and maintenance of a **microservices fleet** based mainly on JAVA Springboot2, Micronaut and Golang using **Chef, Terraform** and self-developed tools (Ruby / Golang / Python)
  - Orchestration and maintenance of the **AWS** and **GCP** subaccounts related to each microservices through **Terraform, AWS Organizations and Service Control Policies**.
  - Creation of the whole distribution service for Switch platform release based on **Akamai** CDN and WAF
  - Initiator of the global security policy across multi cloud accounts based on **CIS** rulesets and **SCP** to ensure common security practices across accounts
  - Involved in Switch Security systems development: Splunk SIEM, Player Ban System, Payment Gateways and GDPR implementation.

## 2015-2017 **Tech Lead** at **Cookbiz S.A** in Osaka.

- Team Leader and Developer of **PHP7** products related to staff recruitment and food related SNS (mobile application)
- Creation of Agile flow for UAT and QA with multi-environment and CI/CD with Jenkins and self-developed scripting
- Migration of monolith website to **microservices architecture on AWS Cloud**
- Administration and **orchestration of the microservices** on AWS (Python and PHP self-developed tools)
- Conducted all the compliance requirements for IPO of the company in 2017
- Implementation of the GDPR Japanese equivalent on services

## 2012-2014 **Security Engineer** at **SCRT S.A.** in Prévèrenge

- Technical Account Management main contact for security equipment
- Main contact for editors and distributors
- Deployment of Fortinet equipment: Fortigate, Fortimail, FortiWeb.
- Regular missions on PHP and J2EE code reviews oriented on web services
- Initiator of the log management and big data analytics department
- Regular Pentest missions and security audits

## 2010 - 2012 **R&D Manager** at **IRIS S.A.** in Geneva

- Leader of the R&D effort on the main products of the company
- Team lead for a software solution of log management in the cloud offering real-time security analysis written in Python and C.
- Competitors monitoring, budget and capacity planning for the projects
- Initiator of Agile methodology implementation

## Technical Skills

<b>Cloud Technologies</b>	<b>AWS:</b> EC2, EKS, ECS, CloudFormation, Lambda, Cloudwatch <b>Azure:</b> Blob Storage, Sentinel, AzureAD, Teams <b>Containers:</b> Kubernetes, Docker <b>CDN:</b> Akamai & WAF, Cloudflare
<b>System &amp; Network</b>	Linux Debian/RedHat/Amazon, VmWare ESXi/vSphere, Fortigate
<b>Infrastructure tools</b>	Chef, Ansible (AWX), Terraform, Vault, Packer
<b>Monitoring</b>	Datadog, InfluxDB/Telegraf, Nagios based
<b>Languages</b>	Python, PHP7, JAVA, Golang, Rust

## Languages

- French (Mother tongue)
- English (TOEIC 955)
- Japanese (Business N2 Level)

## Personal Achievements

- Open Source contributor (<https://github.com/shenril>)
- Security and Technology blogging (<https://code-artisan.io>)
- OWASP Chapter leader and contributor
- Speaker at NuitDuHack, GSDays, AppSecForum, PHPConf Osaka
- Staff Member and organization of Insomni'hack 2013/2014 CTF
- Member of CoderDojo to teach programming to children (Scratch language)
- Paragliding (Coupe Icare), Marathon runner (Kyoto, Osaka, Kobe finisher)