



# Florent Captier

AGILE TEAM LEADER · DEVOPS ENGINEER

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## Objectives

My past experiences learned me some things.

The application layer can not work without a strong and well designed system underneath but this later one do not have any sense without any application running on it.

Thus, I strongly believe that developers and system administrators worlds must merge at some point.

I'm looking for an opportunity that give me the chance to bring up my expertise of those two worlds to break the boundary existing between them.

As an IT lover, I spend a lot of time discovering and leveraging new things.

Some of my free time is then dedicated to open my mind on technologies or languages I heard about to become the more objective as possible when needing to take a decision on my professional life.

Thus, apart the different technologies I worked on, I manage to have a great overview of the market.

Some of words that are well defining my mindset are: curious, innovative, proactive and autonomous.

## Skills

<b>Soft skills</b>	«Management v3», SCRUM master, agile coaching
<b>Development</b>	Python, Powershell
<b>DevOps</b>	Ansible, Jenkins, GIT, Linux
<b>Languages</b>	French (native), English (fluent)

## Experience

### Société Générale

HEAD OF WINDOWS SERVERS ENGINEERING

Paris, France

May 2014 - Sept. 2015

Manage a team of 8 people which main missions were:

- Develop and maintain transversal tools to secure administration of around 10K Windows servers distributed in 15 countries
- Leverage and integrate new hardware and software
- Deliver expertise and level 4 support to system administrators
- Standardize and automate as much processes as possible

Some key deliverables were:

- Transversal applications migration / SCCM, Symantec EP /
- Set of tools to automate compliance to standard detection, result storage and automatic reports generation / DCM, PowerShell, GIT, REST API, SCCM, WMI /
- Automate administration tasks such as OS deployment, filesystem extension, accounts provisioning. / HPOO, REST API, GIT, Bootstrap /
- Create a SCDB for Windows assets retrieving data from various sources and aggregating them / MSSQL, SSIS, PowerShell, GIT /
- Build procedures and tools to assist internal clients during their migration from Windows 2003
- Migration of the legacy Active Directory 2003 architecture to 2008R2
- Migration of around 30 software source codes under GIT versioning system with unit testing and continuous integration

**Technical context** Windows 2003, Windows 2008 R2, Windows 2012, VMWare

**Functional skills** team management, capacity planning, demand management, agile management

### Société Générale

SECURITY TEAM LEADER

Paris, France

Jul. 2011 - Sept. 2014

Within a team of 80 people, administrating 20K systems (Unix and Windows), my main missions were:

- Be the security point of contact
- Manage a 380K€/year project portfolio
- Manage around 7 people (2 direct report)
- Build and maintain tools to enhance security efficiency
- Innovate to be proactive on threats and detection behavior
- Provide technical expertise to harden systems and help on forensic analysis

Some key deliverables were:

- Application to allow a more agile management of accounts, accesses and rights for end-users through REST APIs providing a standardized abstraction layer to complex tools and procedures of Unix and Windows systems. / Python, Django, REST API, MySQL, OAuth2, Centrify, Active Directory, KSH /

**Technical context** Windows Server 2003 & 2008R2, Solaris 9 & 10, Red Hat EL 5 & 6

**Functional skills** project management, agile methods, small team management

## Société Générale

### OPERATIONAL SECURITY OFFICER

Being a member of the operational security team transversal to servers, backup, storage and database subjects, I worked on several cross-technologies projects as a developer, project manager and tech leader.

Some main projects were:

- Create automate to collect accesses on various systems and link them to people identity (IAM) / KSH, PERL, PHP, SSH /
- Automate installation and configuration of IDS sensors for massive deployment over the network / Snort, KSH, SSH /
- Web interface for security KPIs / PHP, MySQL, IIS /
- Tool to follow security patches deployment and application regarding internal process (compliance) based on an ETL and a web front-end layers. / PHP, MySQL, MSSQL /
- Define and implement an internal X.509 PKI to enroll dynamically AD domain computers / OpenSSL, X.509v3, Python /
- Front-end to submit certification requests (either from a CSR or from scratch) with secured generation and transmission of private parts / PHP, Python, X.509v3, OpenSSL, MySQL /
- SIEM integration to collect, store, normalize and correlate logs from various sources (IDS, systems, DB, ...) to raise pertinent security alerts / PERL, Intellitactics, Red Hat EL, Regular Expressions /

**Technical context** Windows Server, Red Hat EL, DB, ...

Paris, France

Jan. 2009 - Jul. 2011

## ON-X

### OPERATIONAL SECURITY CONSULTANT

- Sign certification requests with internal PKI CA
- Maintain tools
- Deploy security « bastions » over EMEA offices to secure a server in case of viral crisis
- Deploy data collection scripts on servers over US and APAC sites and train co-workers

## ON-X

### OPERATIONAL SECURITY DEVELOPER

Final internship for master degree in an operational security team.

In charge of some tools development such as:

- Patch management reporting on Unix & Windows systems
- NIS password change intranet
- Password strength tester tool
- User accesses collect tool

**Technical context** PHP, Perl, Apache, HTML4, CSS2, Javascript, MySQL, SMS

Paris, France

Sept. 2006 - Dec. 2008

## Malinea (Cashstore)

### WEB DEVELOPER

Web-developer trainee for a cash-back application.

Front-end development, massive mail distribution and customer database maintenance.

**Technical context** ASP.NET, HTML4, CSS2, Javascript, MSSQL

Paris, France

Apr. 2005 - Aug. 2005

## Atomik

### WEBMASTER

Official website and eShop webmaster for a Paintball company.

**Technical context** PHP, HTML4, CSS2, MySQL, Javascript

Paris, France

Aug. 2004 - Apr. 2006

# Education

## ITIL

### ITIL V3 FOUNDATION

Paris, France

2009

## Red Hat®

### RED HAT CERTIFIED TECHNICIAN (RHCT)

- Administrate Red Hat Enterprise Linux systems

## EFREI (Ecole Française d'Electronique et d'Informatique)

### COMPUTER SCIENCE MASTER DEGREE

- Master degree school teaching IT, electronics, management and communication.

Paris, France

2006

Paris, France

Sept. 2001 - Sept. 2006