

# Pierre Luce

## DevOps Engineer

pluce.net  
github.com/pluce  
flic.kr/ps/2pEz7J

06.12.37.95.23  
pluce19@gmail.com  
Elancourt (78)

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### DevOps Engineer at Thales Services' Security Operating Center

Work on homemade **security alerting and reporting solution**.

As part of a future off-the-shelf solution, I mainly worked on a security **monitoring dashboard**. Importing correlated security events from SIEMs, it provides SOC operators with an **aggregated view of incidents**, as well as an integrated workflow to the customer's ticketing system, and a real-time enrichment from knowledge database.

**On the Dev side:** develop Ruby On Rails and AngularJS apps, industrializing development with continuous integration, designed global software architecture.

**On the Ops side:** deployed operational metrics with Graphite, installed and manage MongoDB and Redis, write Ansible playbook for whole solution, used Elasticsearch.

Dec. 2013

### Project Lead Engineer at Thales Services' Monitoring Center

**Designed and developed** a complete JEE / Spring / AngularJS application which provides with a central database, monitoring requests workflow and Nagios configuration file generation.

Autonomously did all the work from requirements management to tests, while applying industry-standard **quality practices**: source control with Git, code metrics with Sonar, automated build with Jenkins.

Managed requirements, specifications, architecture and **planning**.

Apr. 2013

### Internship in military simulation at EADS Cassidian

**Modelized and prototyped** a military doctrine for the A.I. engine of a COTS 3D, real-time simulator.

Worked on small simulation software for various projects.

2011 - 2013

### Master of Computer Sciences, University of Poitiers

Specialized on Database Engineering and Web Applications Architectures, learned also general skills on project management, and deeper knowledge on Computer Sciences fundamentals.

*First of class, with honors*

2010 - 2013

### Part-time freelance developer while studying

Worked on various small project including Java SE, Java EE, PHP and Content Management Systems.

2010 - 2011

### Bachelor of Computer Sciences, University of Limoges

*With honors*

2008 - 2010

### Technical Degree in Software Engineering, University of Limoges

*With honors*

since 2007

### Reservist NCO in the French military, Armée de Terre

As Sergeant, was group leader during military exercises, actively trained recruits to various combat and non-combat disciplines.

### Pure Dev Skills

#### Java SE & EE

Spring  
Play!

#### Ruby

Ruby on Rails  
Resque

#### Javascript

AngularJS  
NodeJS

#### Other languages

C / C++  
some Python

### Design Skills

#### Database Engineering

SQL  
Document oriented  
Key-Value oriented

#### Software Architecture

Multi-tiers  
High-Availability  
Scalability

### Ops Skills

#### NoSQL databases

MongoDB  
Redis  
Elasticsearch

#### Web servers

Apache2  
Passenger

#### Automation

Ansible  
Jenkins  
Debian packaging

### Misc Skills

#### Project Management

Requirements  
Specifications  
Planning  
Documentation

#### Team work

Redmine tracking  
Git versionning  
Wiki documenting  
Pseudo-SCRUM

#### English

TOEIC score: 990 / 990