



Guillaume Le Biller

« Any fool can know. The point is to understand. »

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https://github.com/Kissy/

K8s Flux Chef Jenkins
 GitHub Terraform VMware
 ELK PagerDuty DataDog
 InDesign Premiere AWS

Portfolio

[Modern Platform](#)

[Platform Github Workflow](#)

[Java Load Testing – Slides](#)

Education & Training

- 2021 [Certified Kubernetes Administrator \(CKA\)](#)
- 2016 Team leadership & management
- 2015 Agile [SCRUM.org](#) Modules 1 & 2
- 2009 Engineer's degree at [Télécom Bretagne](#)

Lead Infrastructure & Platform Engineer

February 2019 — Today @ TravelDoo, Expedia Group

Architecture and design

- Design a **Kubernetes infrastructure** to accelerate development cycle.
- Analyse performances problems in databases handling 6 TB of data.
- Identify scalability bottlenecks on webapps that handle 5 million req/days.
- Supervise and streamline **PCI-DSS** and **SSAE** audit through automation.
- Establish GitOps culture to enforce security, provide reliability and stability.
- Summarise ideas and present schedule and plan to leadership.
- Develop an **AWS Infrastructure & Platform** aligned with the group.
- Maintain logging infrastructure handling 1 TB of logs per month.

Organisational and Management

- Make decision on infrastructure, security and delivery tools.
- Manage seven engineers and delegate responsibilities to the team.
- Oversee **company-wide project** across 5 geographically dispersed teams.
- Train and guides dev teams with workshops and presentations.
- Handle communication and coordination in critical incidents.
- Transform legacy IT team into an Agile and DevOps oriented team.
- Predict future infrastructure needs and forecast budgets and planning.

Infrastructure & Platform Engineer

January 2017 — February 2019 @ TravelDoo, Expedia Group

- Improve delivery pipeline handling 3 deployments per day from 10 per year.
- Deploy High Availability components to increase uptime above 99.9%.
- Automate release and validation of ~500 projects with Maven and Jenkins.
- Reduce house-keeping time by 90% of ~200 virtual machines with Chef.
- Enhanced post-upgrade stability to 100% with Jenkins and monitoring.
- Provide performance and optimisation feedbacks based on metrics.
- Upgrade implementation processes taking hours to less than 2 minutes.
- Wrote and tested Chef cookbooks & policies to enforce security policies.
- Examine requirements to provide well-thought self-service tools.
- Implement monitoring and alerting of infrastructure and applications.

Java Software Engineer

January 2014 — January 2017 @ TravelDoo, Expedia Group

- Identify customers' needs to design and implement the best solution.
- Coach new team members and provide technical recommendations.
- Coordinates and lead a team of 6 in an agile environment.

Java Software Engineer

April 2011 — December 2013 @ Ekino for Renault

- Design, develop and deliver new features in production.
- Advise on quantitative estimates and technical feasibility.

PHP Developer

2010 — 6-month internship @ WebFullCircle — Charlotte, NC, USA

- Development of in-house CMS solution with custom features.
- Analytics, SEO and page speed improvement on existing sites.