

Bastien Mennesson

SITE RELIABILITY ENGINEER

Paris, France

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Skills

Cloud platforms	AWS and GCP
Solution architecture	Design, Implementation, Audit
Infrastructure as Code	Terraform, Terragrunt, Helm, Packer, Ansible, CloudFormation
Orchestration platforms	Kubernetes, AWS ECS, Nomad
Observability	Datadog, AWS Cloudwatch, PagerDuty
Programming Languages	Bash, Python, Golang French (native), English (professional proficiency)

Experience

Payfit

Paris, France

SITE RELIABILITY ENGINEER

Mar. 2022 - PRESENT

- Supporting developers with their use of the internal platform and related tools like Terraform, Kubernetes or Datadog.
- Observability evangelism by writing internal guidelines and pushing industry best-practices.
- Terraform evangelism by co-authoring internal guidelines, pushing industry best-practices and mentor engineers.
- Heavily contributed to taking under control our Datadog usages by using a FinOps approach and better negotiate our contract. Resulting in a 30% cost reduction in two years.
- Deployed a Vector aggregator cluster to further optimise costs by cutting down on AWS egress and Datadog ingress fees.

ManoMano

Paris, France

SITE RELIABILITY ENGINEER

Sep. 2019 - Oct. 2021

- Operational support to engineers, ranging from cloud design architecture to performance debugging and CI/CD maintenance.
- Terraform and Terragrunt evangelism by writing internal guidelines.
- Refactored our main infrastructure-as-code mono-repo to leverage Terragrunt in order to reduce code duplication by more than 50% and make maintenance easier.
- Developed a RabbitMQ audit log daemon to monitor applications interactions across topics and queues as we required insights as to how services were producing or consuming events in order to prevent incidents.

Gabsee

Paris, France

DEVOPS ENGINEER/BACKEND DEVELOPER

Mar. 2019 - Jul. 2019

- Infrastructure automation with Terraform and several internal modules.
- Immutable deployments using Packer.
- Developed a backend Restful API in Golang, using Buffalo and a PostgreSQL database.

Ogury

Paris, France

DEVOPS ENGINEER

Feb. 2018 - Mar. 2019

- Operational support to engineers to help them with Cloud or CI/CD usages.
- Infrastructure automation with CloudFormation and Chef.
- Developed several scripts in Bash and Python to automate repetitive tasks like creating and restoring backups.
- Developed a CLI to backup and restore AWS Cognito Identity Pools.
- Wrote an extensive cross-platform and cross-device CI/CD pipeline for Jenkins, using Groovy.

D2SI

Paris, France

CLOUD & AUTOMATION CONSULTANT

Oct. 2016 - Feb. 2018

- Operational support to engineers, ranging from building OCI images, local development stacks or CI/CD workflows.
- Infrastructure automation with Terraform, Packer, Bash, Ansible and Python for fast, safe and reproducible artifacts.
- Mentored a Master 2 student for 6 months. Working with him on data persistency on Kubernetes clusters, evaluating and benchmarking solutions in various scenarios and writing internal documentations.

Education

INSET (Institut Supérieur des Sciences Et Techniques)

Saint-Quentin, Picardie, France

MASTER DEGREE IN COMPUTER SCIENCE, CLOUD & MOBILITY MAJOR

Sept. 2014 - Sept. 2016

Hobbies

- Currently composed of a Kubernetes cluster built on a TuringPi 2 motherboard and 4 RK1 SBCs, a Xeon-based XCP-ng hypervisor and prosumer network equipment (Unifi, pfSense appliance, ...).

Writing

Managing a Terraformed infrastructure at scale: a feedback

manomano-tech on Medium

WRITER

Fev. 2021

- Introspection into ManoMano's infrastructure-as-code state, reflecting on its short-comings and what can be done to overcome them.