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	Bash, Python, Golang
Languages	French (native), English (fluent)

Experience

Payfit
Paris, France

SITE RELIABILITY ENGINEER — *Mar. 2022 - PRESENT*

- Supporting developpers with their use of the internal infrastructure (*e.g.* terraform, kubernetes or datadog)
- General gardening of our infra-as-code codebase (*e.g.* terraform modules or gitops repositories)
- Datadog, Terraform and Observabiliy evangelism
- Automating and optimizing our Datadog setup with Terraform
- Datatadog governance contributor: help with decision making by reports and datasets and writing documentation

Aircall
Paris, France

SITE RELIABILITY ENGINEER — *Nov. 2021 - Mar. 2022*

- Supporting developpers with their use of the internal infrastructure (*e.g.* Terraform or AWS)
- General gardening of our infra-as-code codebase (*e.g.* Terraform modules, AWS automation)
- Datadog evangelism
- Optimizing our Datadog setup with Terraform and its usages

ManoMano
Paris, France

SITE RELIABILITY ENGINEER — *Sep. 2019 - Oct. 2021*

- Operational support ranging from issue or performance debugging to application architecture
- Terraform and Terragrunt evangelism
- Tool development ranging from a RabbitMQ log audit daemon to shell snippets
- Infrastructure hosted on AWS. Uses EC2, ECS and EKS as main deployment targets. Also relies on traditional managed services (RDS, Elasticache and so on ...)

Gabsee
Paris, France

DEVOPS ENGINEER/BACKEND DEVELOPER — *Mar. 2019 - Jul. 2019*

- Infrastructure As Code with Terraform and Terragrunt on GCP
- Developed multiple internal Terraform modules to enhance our IaC workflow
- Built several immutable images with Packer for our Consul, Nomad clusters and others
- Developed a Restful API around Consul's and Nomad's API to implement an intelligent orchestration layer for our game servers
- Built a Restful API in Go with Buffalo for our next game
- Set up a continuous integration workflow with CircleCI for the APIs

Ogury
Paris, France

DEVOPS ENGINEER — *Feb. 2018 - Mar. 2019*

- Infrastructure as Code with Cloudformation and Chef
- Used GitOps workflow to facilitate deployments
- Developed scripts in Go, Python or Bash to automize procedures
- Assisted developpers with designing their infrastructures to better suits their need
- Leveraged AWS Lambda functions for scheduled tasks such as backups or building temporary imfrastructures for testing purposes

D2SI
Paris, France

CLOUD & AUTOMATION CONSULTANT — *Oct. 2016 - Feb. 2018*

- Provided devops and Docker training as well as support
- Deployed many infrastructures on Amazon Web Services (EC2, DynamoDB, ECS, ECR, Lambda ...)
- Designed Docker solutions for development, continuous integration and production environment
- Automated infrastructures using mainly Terraform, Packer and Bash. But also Ansible and Python
- Realized continuous integration/deployment platforms with Jenkins (pipeline mode), ContinuousPHP and Drone.io
- Managed an intern working on Docker related themes such as Data persistency and orchestration solutions benchmarking

Education

INSSET (Institut Supérieur des Sciences Et Techniques) *Saint-Quentin, Picardie, France*
MASTER DEGREE IN COMPUTER SCIENCE, CLOUD & MOBILITY MAJOR *Sept. 2014 - Sept. 2016*

Hobbies

SELF-HOSTED CLOUD
- Based on a Xeon-D server running XCP-NG. Serves as a testing bed (K3S, Nomad, …)
- Secured by a pfSense appliance running Snort

MECHANICAL KEYBOARDS
- Mechanical keyboards enthusiast, I like to build and program my own keyboards
- Keyboards comes in all colors and sizes. Experimenting and learn to use is a great fun

(E)SPORT
- Played Golf for 8 years and was ranked 21 by the end
- Played several video games competitively at the European level (in the mid-field)

Writing

Managing a Terraformed infrastructure at scale: a feedback *manomano-tech on Medium*
WRITER *Fev. 2021*
- Blog post regarding ManoMano's infrastructure as code state, reflecting on its short-comings and what can be done to overcome them