

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

- **Day to day**: supporting developers 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).
- **Observability evangelism** by writing internal guidelines and pushing industry best-practices.
- **Terraform evangelism** by co-authoring the internal guidelines and pushing industry best-practices. As well as driving initiation workshops.
- **Datadog optimization**: setup automation with Terraform (AWS integration, forwarder deployment, RBAC management and log exclusion rules); deploying finops tools to help with cost control and decision making for contract renewals; reduced our annual billing by 30% in two year by reworking log indexation, custom metrics consumption and agent deployments and by 50% our data ingestion costs by deploying Vector as an aggregator

Aircall

Paris, France

SITE RELIABILITY ENGINEER

Nov. 2021 - Mar. 2022

- **Day to day**: supporting developers with their use of the internal infrastructure (e.g. Terraform, AWS or Datadog); general gardening of our infra-as-code codebase (e.g. terraform modules or AWS automation).
- **Observability evangelism** by pushing industry best-practices.
- **Datadog optimization**: setup automation with Terraform; deploying finops tools to help with cost control and decision making for contract renewals.

ManoMano

Paris, France

SITE RELIABILITY ENGINEER

Sep. 2019 - Oct. 2021

- **Operational support** ranging from issue or performance debugging to application architecture to AWS services deployments (EC2, ECS, RDS, ElastiCache, ...).
- **Terraform and Terragrunt evangelism** by writing internal guidelines and refactoring our infra-as-code monorepo to make the most use of Terragrunt.
- **Tooling development** ranging from a RabbitMQ log audit daemon to python scripts and shell snippets.

Gabsee

Paris, France

DEVOPS ENGINEER/BACKEND DEVELOPER

Mar. 2019 - Jul. 2019

- **Infrastructure automation** with Terraform and the development of several in-house modules.
- **Immutable deployments** with with Packer.
- **Developed a Restful API** around Consul's and Nomad's API to implement an intelligent orchestration layer for our game servers.
- **Backend development** with a Restful API written in Go and Buffalo.

Ogury

Paris, France

DEVOPS ENGINEER

Feb. 2018 - Mar. 2019

- **Infrastructure automation** with Cloudformation and Chef.
- **Scripts development** in Python or Bash to automate procedures (building temporary infrastructure, creating/restoring backups, ...)
- **Tooling development** in Go to backup and restore AWS Cognito identity pools.
- **Operational support** to the developers, like helping them with designing their infrastructures to better suits their need.

D2SI

Paris, France

CLOUD & AUTOMATION CONSULTANT

Oct. 2016 - Feb. 2018

- **Operational support** ranging from issue or performance debugging to building Docker images, CI workflows, local development stacks or AWS infrastructures.
- **Infrastructure automation** with Terraform, Packer, Bash, Ansible and Python.
- **Managed and mentored** an intern for 6 months. Working on Docker related themes such as Data persistency and orchestration solutions benchmarking.

Education

INSET (Institut Supérieur des Sciences Et Techniques)

MASTER DEGREE IN COMPUTER SCIENCE, CLOUD & MOBILITY MAJOR

Saint-Quentin, Picardie, France

Sept. 2014 - Sept. 2016

Hobbies

HOMELAB

- **Servers:** TuringPi 2 with 4 RK1 compute-boards running Talos, Xeon-D based server running XCP-ng (being deprecated), Freenas Mini XL running TrueNAS.
- **Networking:** NetGate SG-2440 appliance running pfSense, Ubiquiti Unifi hardware (assortment of PoE switches and APs).

MECHANICAL KEYBOARDS

- **Enthusiast,** I like building and program my own keyboards. Keyboards comes in all colors and sizes. Experimenting and learn to use them is a great fun.

(E)SPORT

- **Golf,** played for 8 years and had a below 20 handicap.
- **Competitive video games,** I played several FPS competitively at the mid-field European level.

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.