

# Bastien Mennesson

SITE RELIABILITY ENGINEER

Paris, France

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## Skills

<b>Cloud platforms</b>	AWS, GCP, Scaleway, OpenStack
<b>Solution architecture</b>	Design, Implementation, Audit
<b>Infrastructure as Code</b>	Terraform, Terragrunt, Packer, Ansible, CloudFormation
<b>Orchestration platforms</b>	Kubernetes, Nomad, Docker Compose
<b>Observability</b>	Datadog, AWS Cloudwatch, PagerDuty
<b>Programming Languages</b>	Bash, Python, Golang French (native), English (fluent)

## Experience

### ManoMano

SITE RELIABILITY ENGINEER

Paris, France

Sep. 2019 - PRESENT

- 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

DEVOPS ENGINEER/BACKEND DEVELOPER

Paris, France

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

DEVOPS ENGINEER

Paris, France

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 automate procedures
- Assisted developers with designing their infrastructures to better suits their need
- Leveraged AWS Lambda functions for scheduled tasks such as backups or building temporary infrastructures for testing purposes

### D2SI

CLOUD & AUTOMATION CONSULTANT

Paris, France

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)

MASTER DEGREE IN COMPUTER SCIENCE, CLOUD & MOBILITY MAJOR

Saint-Quentin, Picardie, France

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

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### 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