

# Théo BRIGITTE

Platform Engineer  
12 years experience

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## Professional experiences

2018 - now **GiantSwarm** • **Platform Engineer**

Full remote Build and operate a fully managed Kubernetes platform in a multi-clusters and multi-clouds environment (AWS, Azure, onprem)

- Develop an Observability platform
  - Ensure delivery of alerts to engineers
  - Providing resources to help with issues troubleshooting
  - Provide access to observability data
  - Improved alerting with SLO (multi-window multi-burn-rate)
  - Ensure stability and autoscaling of observability stack
- Pre-sale with customers
  - Present our current observability stack
  - Engage with customer
  - Identify features with added value
- Build Kubernetes operators to extend capabilities of our product
  - Add support for Microsoft Azure cloud
  - Add support for release deployment
  - Add support for AWS Route53
  - Add support for AWS multi-account clusters (IAM role)
  - Add support for alert silence configuration
  - Add support for monitoring remote write
  - Add support for monitoring heartbeat
- Setup CI/CD pipelines
  - Create pipeline to ensure delivery of software into production
- On Call shifts
  - Resolve operational incidents (write post mortems and runbooks)
  - Customer support
- Team facilitator
  - Regular 1on1 with every team member
  - Help people with personal needs
  - Handle employee conflicts
  - Onboard new employee

2014 - 2018 **Erento** • **Developer backend**

Berlin, Germany Build and migrate a campervan renting platform

- Build Nginx operator for Kubernetes
- Build product item backend API with Golang and CouchDB
- Build microservices with Nginx, Lua, and Docker
- Improve and analyze MySQL database in-place
- Setup search engine with Elasticsearch
- Use Kubernetes + AWS for deployments

2011 - 2014 **Commerce Guys · Developer Drupal**

Paris, France Build e-commerce website and modules

- Build e-commerce websites with Drupal, PHP, MySQL
  - Fipf, Livre de poche, Erento
- Build Commerce Kickstart open source distribution
- Contribute and maintain e-commerce open source modules
  - Commerce So Colissimo : shipping module
  - Commerce Priceminister : product catalog synchronization module

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## Formations

2010 - 2011 **Bachelor of Computer Science**

SUPINFO, Paris, France

2008 - 2010 **Network & Industry applied Informatics**

Lycée Jacquard, Paris, France

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## Soft skills

**Personality traits** Listener, diplomatic, open minded, fast learner, complex task solver

**Communication**

French	native
English	advanced
Spanish	intermediate
German	beginner

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## Hard skills

**Communication** Slack, Google Meet

**Cloud providers** AWS, Microsoft Azure

**Languages** Golang, Bash, Python, Lua, PHP

**Orchestration**

Kubernetes	( Autoscaling, CRD, NetworkPolicy, Operators, PSP, RBAC, Webhooks )
Docker	( multi stage build, registries )

**Observability**

Grafana	( dashboards, provisioning, cloud )
Prometheus/Mimir	( PromQL, remote write, Prometheus agent )
Loki	( LogQL, multi-tenancy )
Alloy	
Promtail	
Alertmanager	( silences, inhibitions )
Opsgenie	( escalations, heartbeats, integrations )
Sloth	( multi-window multi-burn-rate )

**CI/CD**

Github Actions	
CircleCI	( workflows, orbs, executor )
Helm	( templating, CRD )
FluxCD, Kustomize	
Terraform	
Jenkins	

**Web and databases** Nginx, MySQL, PostgreSQL, SQLite

**Others** Git, Vim

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## Hobbies

Snowboarding, Cycling, Chess, Travelling, Cooking, Movies, Music