

# Thomas Bourcey

SYSTEM ENGINEER | HPC, DEVOPS & OBSERVABILITY EXPERT

## CONTACT

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## LANGUAGES

French *Native*

English *Professional / Technical*

## PERSONAL SKILLS

Adaptable

Detail-Oriented

Autonomous

Passionate

Problem Solver

Team Player

## CERTIFICATIONS

- AWS Architect Associate

- RHCSA RedHat 7

- NDCA NetApp Advanced

## Profile

System Engineer with 15+ years of experience, specializing in Linux, HPC, SysOps/DevOps, and automation. Expert in large-scale critical system deployments. Passionate about technical innovation, from industrial infrastructure to home automation IoT.

## Professional Skills

**Linux:** RedHat, Rocky, Debian, Ubuntu

**HPC:** Slurm, Infiniband, Mellanox, ESS

**Storage:** NetApp, IBM HPSS, GPFS, Ceph

**DevOps:** Ansible, Terraform, CI/CD, GitOps

**Monitoring:** Prometheus, Grafana, ELK, Loki

**Cloud/Virt:** AWS, GCP, OpenShift, VMware

**Dev:** Bash, Python, APIs

**IoT/3D:** MQTT, ESP32, Fusion 360

## Experience

### System Engineer

2020 – PRESENT

Eviden (ex-Bull)

- International HPC projects: Administration, support, and automation (Ansible, Slurm, Infiniband).
- Storage Expertise: IBM HPSS, NetApp, DDN, IBM ESS, Tape Libraries.
- Observability: Tech Lead on Prometheus & Grafana solutions.
- Infrastructure as Code and advanced scripting (Bash, Python).

### System Engineer

2018 – 2020

Gfi Informatique (Thales Alenia Space)

- Private Cloud: Deployment and support of containers (Docker, Kubernetes, Rancher).
- Virtualization & Monitoring: vRealize Suite, ESX, ELK, Prometheus.
- Automation: Ansible AWX, Jenkins, Gitlab CI.

### System Engineer

2010 – 2018

D-Fi Services (Safran Electrical & Power)

- HPC: Computing cluster architecture (Nastran, Abaqus), PBS Scheduler.
- Storage: NetApp MetroCluster, SnapMirror, Commvault.
- IdM Architecture: Red Hat IdM (LDAP), Satellite.

## Education

