

HUGO TERNISIEN

SKILLS

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Hard: Cloud Architecture | Software Architecture | Cloud Computing | Containerization | DevOps | Full-Stack

Tech: Terraform | Ansible | Python | Kubernetes | Jenkins | Helm | ArgoCD | Docker | SQL | NoSQL | Git | UNIX | GCP | Azure

Soft: Leadership | Management | Business Case | Engineer Approach | French (native), English (TOEIC: 935), Japanese (N4)

WORK EXPERIENCE

Cloud Architect	<u>Onepoint</u>	<i>Paris, France</i>	02/2025 - 08/2025
Internal R&D – Cloud Tooling & GitOps Automation			
<ul style="list-style-type: none">Designed and implemented a modular Terraform orchestration CLI (terrastorm) in Go, enabling environment-specific IaC execution and drift detection across 30+ modules.Integrated the CLI with a React/Node.js web frontend and GitHub Actions CI/CD to support self-service Terraform workflows via a Cloud Run-deployed platform.Promoted GitOps practices internally to standardize deployment pipelines using GitHub Actions and versioned module registries.			
Client Project – Banque de France (Cloud Infrastructure & Security)			
<ul style="list-style-type: none">Led the modularization of infrastructure patterns for GenAI use cases on Azure, including VNet peering, GPU-enabled VMs, and restricted network topologies.Migrated hardened Rocky Linux images from version 8 to 9 using OpenSCAP, ensuring compliance with internal CIS-like benchmarks and automated via Ansible pipelines.Embedded DevSecOps practices by integrating image validation and security policies into the CI/CD lifecycle, reducing delivery time while maintaining compliance.			
Infrastructure Engineer	<u>SiOps</u>	<i>Paris, France</i>	02/2024 - 02/2025
Private Cloud B2B Service Platform			
<ul style="list-style-type: none">Deployed IAM services and internal VMs on VMware for EPITA's private cloud B2B services.Ensured availability of intranet, student services, and corporate portals used by 3,000+ users.Implemented Prometheus-based monitoring stack to improve incident response and system observability.			
Software Engineer	<u>BASSETTI</u>	<i>Paris, France</i>	09/2023 - 02/2024
<ul style="list-style-type: none">Developed and integrated solutions for TEEXMA, BASSETTI's PLM software, in collaboration with cross-functional teams.Conducted back-end operations in Delphi, specializing in efficient manipulation and management of extensive datasets.Translated client requirements into actionable development tasks, contributing to the customization of TEEXMA for industries such as aerospace, construction, and pharmaceuticals.			

EDUCATION

MSc Computer Science	<u>EPITA</u>	<i>Paris, France</i>	09/2020 - 07/2025
<ul style="list-style-type: none">Computer Engineering: Master of Science, Major in Computer Science specializing in Software Engineering			
Exchange Program	<u>California State University of Monterey Bay</u>	<i>Monterey, CA, USA</i>	01/2022 - 06/2022
<ul style="list-style-type: none">Computer Science: Software Design, Internet Programming, Game Design, Calculus II			

PROJECTS

Cloud Native Application Deployment in a Hybrid Cloud

- Implemented a multi-node OpenStack infrastructure to support the backend of a WordPress site.
- Deployed the WordPress frontend on AWS, leveraging public cloud scalability and resilience.
- Established a VPN to facilitate communication between AWS VPC and OpenStack.
- Technologies used:** OpenStack, AWS, GCP, WordPress, Tailscale, MariaDB

Certifications

- Google Cloud Professional Architect** - GCP Cloud Architecture (05/2025)
- Japanese Language Proficiency Certification** - N4
- English Language Proficiency Certification** - TOIEC (935)