Thomas Housset

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AI Deployment Strategist • Enterprise AI rollouts, agent engineering, executive enablement • Available September 2026

Experience

Advens Paris, France
Cybersecurity Consultant, Assistant CISO & Security Project Manager *07/2024 - 08/2026*

- Led end-to-end deployment of enterprise security platforms for 20+ CAC 40 and large-enterprise clients (10,000+ employees), from requirements discovery through vendor selection, commercial negotiation, production rollout and run.
- Designed and facilitated 30+ executive simulation workshops for COMEX audiences across industrial, energy and financial services organisations, delivering written debrief and prioritised follow-up actions after each session.
- Built reusable deployment assets adopted across accounts: requirement scoping frameworks, vendor evaluation grids, rollout roadmaps and post-exercise playbooks, replacing per-client rebuilds.
- Cleared security and compliance review for new tooling (ISO 27001, NIS2, GDPR gap analyses, IAM/PAM target design), removing the approval blocker that most commonly stalls enterprise software rollouts.
- Implemented cloud security posture (CSPM), landing zone hardening and Terraform IaC across client Azure environments as embedded DevSecOps, integrating controls into existing CI/CD pipelines.
- Advised CAC 40 acquirers on cyber due diligence of acquisition targets, assessing target and key-supplier maturity through audit, OSINT and tooling, and synthesising risk for deal teams under transaction deadline.
- Served as single point of contact between business owners, security architecture and integration teams, the client CISO and the executive committee.

Mercedes-Benz Group, Athlon MBAG Paris, France
Deputy CISO & DevOps Engineer *07/2021 - 08/2024*

- Spearheaded the on-premise to Azure migration across 3 business units, industrialising deployment through Terraform infrastructure-as-code and YAML CI/CD pipelines rather than manual provisioning.
- Drove change management with IT and business owners through phased cutover, hands-on training and runbook documentation adopted by operating teams.
- Governed identity and access across 3 entities: Entra ID, conditional access, MFA enforcement, role-based access control and privileged access management in a hybrid estate.
- Ran the vulnerability management programme end to end, from triage and risk-based prioritisation through remediation tracking and management reporting.
- Coordinated security incident response across Azure, Jira and ServiceNow, feeding root-cause analysis into preventive controls.
- Automated recurring operations in Bash and PowerShell, and managed PKI and certificate lifecycle across on-premise, cloud and firewall estates.

Projects

Dust Deployment Kit github.com/thomashousset
Enterprise rollout simulation built on the Dust platform *2026, in progress*

- Building compliance agents on Dust mapped to NIS2, DORA and the EU AI Act for a simulated regulated-fintech deployment, with a 60 to 90 day rollout playbook and persona-based enablement programme for business, technical and executive audiences.

Autonomous Social Media Agent Running in production
Self-improving agent running a live social account end to end, no human in the loop *2026*

- Engineered an event-driven system (Python/asyncio, SQLite) that operates a live social media account autonomously, from multi-source monitoring through REST APIs and headless Playwright browsers to decision-making and publication.
- Orchestrated autonomous LLM calls under strict JSON output contracts, idempotent execution and hard-coded guardrails, keeping every model decision inside a bounded, verifiable envelope. 900+ tests, atomic deployments with rollback.
- Instrumented a closed self-improvement loop: the system measures its own published output and rewrites its operating parameters from those metrics, optimising performance without manual tuning.

Acquis.app acquis.app

Production OSINT platform for M&A cyber due diligence *2025 - 2026*

- Shipped a platform aggregating 15+ intelligence sources (Shodan, HIBP, VirusTotal, crt.sh, DNS) through ingestion and transformation pipelines into weighted risk scoring, with interactive D3.js and PDF reporting.
- Deployed to VPS via Docker and GitHub Actions across 175+ commits. Stack: FastAPI, Celery, PostgreSQL, Redis, React.

Personal AI Operator Stack Self-hosted, 24/7

Always-on autonomous agent and self-healing infrastructure *2025 - 2026*

- Operates an always-on agent reachable through messaging, remote shell and scheduled tasks on a Mac Mini M4 and OVH VPS joined over a Tailscale mesh, with self-healing watchdogs, health checks and scheduled backups.

RegulAIte Personal project

Multi-agent RAG system for regulatory compliance *2025*

- Developed multi-agent retrieval over ISO 27001 and NIS2 using a Qdrant vector store and Celery orchestration, answering natural-language compliance questions for CISO users.

WayTrace waytrace.org

Public OSINT tool reconstructing domain history from archive.org *2025*

- Released a live public tool performing LLM-native entity extraction across 21 categories, used by journalists, threat-intelligence analysts and due diligence teams.

Master's Thesis research.thomas.how

From Threat Prevention to Value Creation: Building Sovereign and Resilient Enterprise AI *2026*

- Conducted semi-structured interviews with CISOs across private banking, commodity trading and consulting to identify what blocks and unblocks enterprise AI adoption. Covers EU AI Act, ISO 42001 and digital sovereignty. Defended July 2026.

Additional: CNN-LSTM network intrusion detection with SHAP explainability (TensorFlow); homomorphic e-voting system implemented from scratch (ElGamal, Curve25519, ECDSA); FishSentinel email reconnaissance tooling. Source at github.com/thomashousset.

Education

Oteria Cyber School Paris, France

Master's in Cybersecurity, Intelligence & Cyber Threats, RNCP Level 7 *2024 - 2026*

- Specialisation in cyber threat intelligence, advanced OSINT, threat hunting, forensics and crisis management. Option: AI for Cyber, taught in English.

École 2600 Paris, France

Bachelor in Cybersecurity *2023 - 2024*

- Offensive and defensive security, systems and networks, reverse engineering, cryptography. Intensive selection process.

Institut National Supérieur des Technologies Avancées Paris, France

BTS SIO, Information Systems Services *2021 - 2023*

- Programming (Python, SQL, PHP), systems and networks (TCP/IP, Active Directory), cybersecurity fundamentals.

Skills & Certifications

Deployment & Enablement: enterprise rollouts in 10,000+ employee organisations, phased adoption programmes, executive and persona-based workshop design, scalable playbooks and documentation, use case discovery, champion enablement, adoption tracking, vendor evaluation, commercial negotiation.

Applied AI: agent design and orchestration, structured LLM output contracts, tool use, MCP, RAG, vector search (Qdrant), guardrails, evaluation and metrics-driven iteration, prompt engineering, EU AI Act, ISO 42001.

Engineering: Python (FastAPI, asyncio, Celery), PostgreSQL, SQLite, Redis, Docker, React, TypeScript, Go, Rust, Playwright, REST APIs, data ingestion pipelines, CI/CD (GitHub Actions), Git.

Cloud & Governance: Azure, AWS, GCP, Terraform, SSO/SCIM, IAM/PAM, ISO 27001/27005, NIS2, DORA, GDPR, EBIOS RM, FAIR.

Certifications: AI Fluency: Framework & Foundations (Anthropic, 2026); Building with the Claude API (Anthropic, 2026); AZ-500 and AZ-104 Azure training completed (Microsoft); SecNumAcadémie (ANSSI).

Languages: French (native), English (C1, TOEFL iBT 104/120), Spanish (B2).