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STATUS Remote-only · open to relocation

Robert Hartle

DEVOPS · SRE · PLATFORM & INFOSEC ENGINEER

PROFILE

DevOps / SRE and information-security engineer with 13+ years operating CNCF-aligned platforms, auditable CI/CD, robotics & edge delivery, and AI-ready GPU infrastructure across eight industries. Strong fit for environments where deployment quality, traceability, automation and security controls have to survive both audit pressure and production incidents.

CORE COMPETENCIES

Platforms	Kubernetes · OpenShift · Rancher · AWS · Azure · GCP · OVHcloud · Hetzner · On-prem · Hybrid
Delivery	GitHub Actions · Azure DevOps · GitLab CI · Bitbucket · Jenkins · GitOps · Flux · Helm
IaC & Automation	Terraform / OpenTofu · Terraform Cloud · Terrakube · Ansible / AWX · CloudFormation · Python · Bash · PowerShell
AI / MLOps	GPU containers (A100/H100) · Model serving (vLLM, TGI) · Kubeflow · Ray · MLflow · Document grounding / RAG · Agentic systems
Security / Compliance	DevSecOps · OWASP · SonarQube · Snyk · Trivy / Syft / SBOM · HashiCorp Vault / OpenBao · Zero-trust · Sigstore / SLSA · ITIL
Observability	Prometheus · Grafana · Loki · Tempo · OpenTelemetry · ELK / OpenSearch · Datadog · Dynatrace
Identity / OS	Active Directory · Entra ID · OIDC / SAML · Authentik / Keycloak · Linux · Windows Server
Robotics / Edge	Embedded systems (C, C++, ASM) · Cross-platform build systems · OTA pipelines · Edge fleet delivery
Collaboration	Jira · Confluence · Agile / Scrum · Technical writing · Runbooks & onboarding

EXPERIENCE

DevOps / DevSecOps Consultant · HARTLE.TECH

2025 — Present

Portugal — Remote · Robotics, Banking, ERP, E-commerce, SaaS, AI / LLM

- Built GitHub Actions CI/CD and Make-based cross-platform build systems for robotics firmware (C / C++ / Assembly) with controlled release and OTA delivery to edge devices.
- Designed CNCF-aligned cloud-native CI/CD for aerospace & defense workloads under strict change-control, traceability and compliance constraints.
- Stood up GPU-enabled Linux container platforms for on-prem and cloud LLMs; built Python pipelines for document grounding and exposed models via Dockerized OpenAI-compatible REST APIs.
- Operated Terraform-based IaC across AWS, Azure, GCP and on-prem — Kubernetes & OpenShift on Linux and Windows Server with AD / Entra ID integration.
- Led pieces of large CI/CD modernization: GoCD → GitHub Actions, GHES → GH Cloud, Nexus, Dynatrace, IBM API Connect, ServiceNow + ITIL automation.

DevOps Engineer · PrimeIT

2023 — 2024

Remote · Europe — SEO & compliance SaaS

- Operated on-prem and EKS Kubernetes platforms for a global compliance-sensitive SaaS product.
- Built GitHub Actions CI/CD integrated with Terraform Cloud for controlled, auditable deployments.
- Maintained Ansible / AWX configuration management for secure, repeatable environments; integrated Jira, GitHub and Slack for end-to-end delivery traceability.

DevOps / DevSecOps Engineer · Encora Inc

2021 — 2023

Remote · Brazil — International logistics, Aerospace & Defense, Media & Audiovisual

- Designed Bitbucket Pipelines for high-volume logistics platforms; executed a hundreds-of-GB Oracle → MariaDB migration with Liquibase, minimal downtime and full auditability.
- Integrated SonarQube and Snyk into CI/CD across enterprise workloads for quality and security gating.
- Two-engineer installer team rewriting deployment frameworks for mission-critical aerospace & defense — converting Terraform to Cloudify blueprints and building Kubernetes delivery platforms.
- Operated Azure-hosted infrastructure for global media platforms; Vercel- and Sitecore-based delivery pipelines.

IT Security · DevOps · Software Engineer · Independent Contractor

2015 — 2020

Remote — SMEs & multi-industry

- Python, Bash and PowerShell automation across Linux and Windows Server estates.
- Designed Active Directory and Entra ID infrastructures; OWASP-aligned pentesting and IT security consulting for SMEs.
- Static / front-end web (HTML, CSS, JS, Jekyll, Hugo, GitHub Pages); custom macOS and Linux workstation builds.

IT Analyst · City Hall

2018 — 2019

Brazil — Government, healthcare

- Systems and network administration for municipal government and hospital infrastructure.
- Rebuilt municipal hospital and maternity networks; enforced security controls for sensitive medical and government data.

Junior DevOps Engineer · Focus Sistemas

2018 — 2019

Brazil — Internal IT

- Built VirtualBox, Hyper-V, AWS and Docker dev/QA environments; deployed GitLab, Mattermost, OwnCloud, NGINX.
- Implemented AWS EC2, Route 53, SNS/WorkMail, Lightsail; led SVN → Git migration; built Ansible and shell automation.

DevOps / DevSecOps Engineer · Controplan

2012 — 2015

Brazil — ERP, e-commerce

- Cloud-native CI/CD for ERP and e-commerce platforms across backend services, integrations and customer-facing apps.
- IaC and automated provisioning to standardize dev / staging / production environments; containerised workloads with monitoring, logging and alerting for production operations and incident response.

EDUCATION · CERTIFICATIONS · LANGUAGES

EDUCATION

BSc · Computer Information Systems

Universidade Federal Fluminense

Network Administration

SENAC

Full-Stack Developer Bootcamp

IGTI

CERTIFICATIONS

AWS Certified SysOps Administrator – Associate (Amazon Web Services)

Docker Certified Associate (Docker, Inc.)

Offensive Security Wireless Professional (OSWP) (OffSec)

Red Hat Certified System Administrator (RHCSA) (Red Hat)

Microsoft Certified Solutions Expert (MCSE) (Microsoft)

LANGUAGES

English Native

Portuguese Native

Spanish Intermediate (B1)

French Beginner (A1)

SELECTED SIDE PROJECTS

Self-hosted Platform Lab · lab.hartle.tech

2025 — Present

- k3s + Flux GitOps, OpenBao (Vault fork), Forgejo + Forgejo Actions, CNPG Postgres, Authentik OIDC, Caddy edge, Tailscale tailnet, full IaC via Terraform + Ansible — every workload reproducible from a single git push.
- Public products: *medusa* (ESP32-S3 pentest case kit), *dumpsock* (socket-dump diagnostics utility), *neartrace* (Android BLE proximity tracer).