PEDRO GRADOWSKI MARTINS

DevSecOps & Cloud Security Engineer

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SUMMARY

Infrastructure engineer moving into DevSecOps and cloud security, with 2+ years of experience building and operating production systems across **AWS, Linux and containerized environments** — including a **self-hosted, hardened production server** administered solo. Experienced in **secure-by-default engineering**: least privilege, secrets management, input validation, infrastructure hardening and zero-open-port ingress. Cloud-security portfolio covering **AWS governance, signed software supply chains and Kubernetes runtime security** (RHCSA in progress).

EXPERIENCE

Infrastructure Engineer — BRASILCON Curitiba, Brazil · Feb 2026 – Present

- Build and maintain the editorial system of the *Revista de Direito do Consumidor* — no prior platform existed — on a self-hosted OJS 3.4 stack (revistabrasilcon.com), formally recognized by the Institute (*Ofício nº 13/2026*).
- Architect and operate the full production stack on a personally built, hardened **Debian** server: containerized services with **Docker Compose and Kubernetes** (OJS + MariaDB), TLS end-to-end, and **zero-open-port ingress via Cloudflare Tunnel**.
- Own day-2 operations end-to-end: backups, **nginx/systemd** management, DNS, firewall troubleshooting, **incident documentation and runbooks**.

Junior Backend Engineer — Way-V Remote · Jul 2024 – Mar 2026

- Owned the full lifecycle of enterprise automation projects for clients such as **Hyundai, DHL and JBS** — from scoping with the client to production delivery; average monthly revenue grew **approximately 150%** over the period.
- Automated **Hyundai's end-to-end employee onboarding pipeline**, propagating new-hire PII across internal systems with **encrypted S3 (least-privilege IAM roles), authenticated APIs, schema validation/sanitization, per-integration data minimization and PII-masked logging** — zero data exposure incidents.
- Built scalable automation services in **Python/FastAPI**, deployed as containerized workloads (**Docker/Kubernetes**) with CI/CD pipelines.

Conversational AI Developer (Freelance) — DeGOES Optimize Curitiba, Brazil · Jan 2024 – Jul 2024

- Designed, deployed and operated AI agents (NLP, computer vision) integrated with **WhatsApp, Instagram and web platforms** — handling untrusted user input at the edge, with **webhook signature validation and API key management**; models hosted on **AWS**.

SECURITY & INFRASTRUCTURE PROJECTS

TrustStack — Integrated Security Environment github.com/PontoPe/TrustStack

- Multi-layer security environment integrating **AWS governance, verified artifact provenance, hardened Kubernetes runtime controls and automated cloud detection/response**; documented with threat models and reproducible validation evidence.

AWS Security Landing Zone (AwLZ) github.com/PontoPe

- Delivered and validated a multi-account AWS landing zone with **Organizations/SCP guardrails, centralized CloudTrail logs protected by S3 Object Lock, GuardDuty, Security Hub and Config**; Terraform CI uses OIDC and security scanning.

Hardened Kubernetes Cluster (KAte) github.com/PontoPe/KateClusters

- Hardened a kubeadm cluster to CIS benchmark **(12 failures → 0)**: Pod Security Admission, least-privilege RBAC, default-deny NetworkPolicies, SOPS-managed secrets, and **Falco eBPF detection validated with attack simulations**.

EDUCATION

B.Sc. Computer Science — Pontifical Catholic University of Paraná (PUC-PR) Curitiba, Brazil · 2024 – Expected 2027

Associate Degree, Systems Analysis & Development — PUC-PR 2023 – Expected Dec 2026 · GPA 8.27/10

Electrical Engineering (transferred to CS) — Federal University of Paraná (UFPR) 2019 – 2024

CERTIFICATIONS & TRAINING

- **RHCSA (Red Hat Certified System Administrator)** — in progress, expected 2026
- **Microsoft AI Specialization Course** — fluencAI (2024)

SKILLS & LANGUAGES

Security & Systems: Linux administration & hardening (Debian/RHEL), Kubernetes security (CIS, PSA, RBAC, NetworkPolicy), least-privilege IAM/SCPs, secrets management (SOPS), TLS/HTTPS, CloudTrail, GuardDuty, Security Hub, Falco, incident documentation & runbooks.

Cloud, Infra & Development: AWS, Terraform, Docker, CI/CD, GitHub Actions, Kubernetes, nginx, systemd, DNS, Cloudflare Tunnel, PostgreSQL, MySQL/MariaDB, Redis, Bash, Git, Python (FastAPI), Go, SQL, JavaScript.

Languages: Portuguese (native), English (fluent), French (advanced), Italian (advanced), Spanish (intermediate).