

FERNANDO DE MEDICIS

Senior Platform & DevOps Engineer • Cloud Cost Optimization • Infrastructure Automation

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PROFILE

Senior platform and DevOps engineer with **13+ years** in cloud infrastructure, automation and reliability. I build platforms from the ground up and rescue ones that others got wrong; I create the automation and self-service tooling that lets engineering teams ship without friction. Currently also building self-hosted AI/agent systems — bringing modern automation into the DevOps toolkit.

SELECTED ACHIEVEMENTS

- **Rebuilt** an inherited 3D-rendering platform, cutting its cloud cost by **~90%**.
- Built a **digital showroom platform from scratch** in a fast-moving, startup-style product team.
- **Multiple engagements with PVH (2019–2025)** across three production platforms (Tommy Hilfiger / Calvin Klein).
- Built **self-service, fully-automated deployment**: developers ship by pushing to the repo — no manual ops, no waiting.
- Led a **lean platform team (up to 6)** — kept small by automation — while also owning parts of the backend.

CORE SKILLS

Cloud: AWS (EKS/ECS/ECR, Elastic Beanstalk, CloudFormation), GCP, DigitalOcean

Infrastructure as Code: Terraform, Atlantis, Ansible

Containers & Orchestration: Kubernetes, Helm, Docker / Compose, Consul, Nomad, GKE, k3s

CI / CD & Delivery: GitHub Actions, GitLab Pipelines, ArgoCD, Jenkins, TeamCity, Rundeck

Observability: Grafana, Prometheus, Loki, Datadog, Splunk, CloudWatch, Nagios, PagerDuty

Data & Web: PostgreSQL, MySQL, MongoDB, Couchbase • Nginx, Apache, NodeJS, IIS

Building / Learning: Python, Claude API, LLM tool use, custom MCP servers, agentic automation

PROFESSIONAL EXPERIENCE

Career Break (Parental) — Family

Jul 2025 – Present | Spain / Remote

- Took deliberate time to care for my newborn son and support my partner.
- Stayed technically active — building automation and AI/agent systems in Python: API integration, tool-use agents, and custom MCP servers exposing my own tooling. Self-directed, hands-on, ongoing.

Platform Lead & DevOps Engineer (Contractor) — PVH — Tommy Hilfiger / Calvin Klein

Jan 2024 – Jun 2025 | Remote

- Took over an existing 3D-rendering platform built by a previous team and **re-architected it end to end**.
- **Cut cloud costs by ~90%** through that rebuild — right-sizing, automation and architectural change.
- Delivered the rebuild as **sole engineer** on the platform, operating within PVH's corporate structure — enterprise governance and cross-team coordination.
- Infrastructure-as-code with **Terraform / Atlantis**; CI/CD via **GitHub Actions and GitLab pipelines**.

Platform Lead & DevOps Engineer (Contractor) — Stitch (PVH)

Feb 2021 – Dec 2023 | Remote

- Built a **digital showroom platform from scratch** in a startup-style product team — fast iterations, close collaboration, high ownership.
- Established **self-service deployment**: developers ship by pushing code; pipelines handle the rest, removing ops as a bottleneck.
- Led a **lean team (typically 4, up to 6)** — deliberately small because automation removed the toil — and owned parts of the backend across both platforms at different times.
- Infrastructure-as-code with **Terraform / Atlantis**; CI/CD via **GitHub Actions and GitLab pipelines**.

DevOps Engineer — Carousel

Jun 2020 – Aug 2021 | Remote

- DevOps for a GCP-based sports-betting platform; managed containers in **GKE and k3s**.
- Automated administration, monitoring and deployment; IaC with **Terraform and Ansible**.
- **Jenkins + ArgoCD** deployment pipelines.

DevOps Engineer (Contractor) — Komgo

Feb 2020 – May 2020 | Remote

- DevOps for an AWS-based trading platform: infrastructure automation, monitoring and **GitLab CI/CD** deployment.

DevOps Platform Lead — PVH Corp.

Jul 2019 – Feb 2020 | Amsterdam, Netherlands

- Platform lead for an AWS-based microservices showroom solution.
- Solution architecture design and implementation; automated administration, monitoring and deployment.

DevOps Engineer — Irdeto B.V.

Mar 2017 – May 2019 | Hoofddorp, Netherlands

- DevOps for a cloud-based payment platform across multiple Linux environments.
- Infrastructure automation and CI/CD pipeline implementation for applications and containers.
- Partnered with architects and dev teams to transition products onto a CI/CD model.

Earlier roles at Irdeto B.V. — Security Ops • OTT SME / Integration • Integration Engineer

May 2012 – Mar 2017 | Hoofddorp, Netherlands

- Progressed through security platform operations, OTT system integration, and integration engineering.
- Cloud migration (AWS, CloudFormation), proactive monitoring solutions, functional & load testing (BlazeMeter).
- Client-facing integration and training across technical and non-technical audiences.

Earlier career — Extron Electronics • NH Hotels • BT Global Services

2007 – 2012 | Amsterdam, Netherlands

- Foundations in networks and infrastructure: MPLS/ATM and VoIP administration, SQL databases, scripting (BT Global Services); sales engineering; IT support.

EDUCATION & CERTIFICATIONS

BSc Telecommunications Engineering — Universidad Europea de Madrid (2007) • Erasmus grant, Hogeschool van Amsterdam
Architecting on AWS (2016) • Google Widevine CWIP (2016) • Project Management, IIL (2015) • ITIL Foundation (2014)