



Jad Seifeddine

SENIOR SYSTEMS DEVELOPMENT ENGINEER

• 20+ YEARS

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PROFILE

A relentless drive to automate, streamline and constantly improve and learn underpins two decades of building and scaling mission-critical infrastructure, grounded in **hands-on data centre and Linux engineering**: racking and running colo footprints across multiple data centres, including NEXTDC and Global Switch, and building, hardening and automating fleets of bare-metal and virtualised Linux servers. Today I apply that foundation to **cloud-native platform engineering and SRE at scale**: fault-tolerant, low-latency systems on Kubernetes, AWS and modern IaC, and the AI-ready infrastructure LLM workloads demand. Hands-on across Go, Python and Rust with deep networking and security expertise, I lead cross-functional teams to ship robust, scalable solutions.

20+

YEARS IN IT &
TELECOM

2,000+

CONTAINERS
ORCHESTRATED

11

PROGRAMMING
LANGUAGES

1000s

MANUAL HOURS
SAVED

PROFESSIONAL EXPERIENCE

Mercor · Freelance

Senior DevOps / SRE Engineer (Contract) · Remote, Worldwide

Feb 2026 - Present

- **Deliver DevOps, SRE and platform-engineering engagements** for Mercor's AI and high-growth tech clients, running live production where reliability, scale and cost are critical.
- **Design Kubernetes-based AI infrastructure on hardened Linux GPU nodes** with Terraform, Ansible and AWS: kernel, driver and container-runtime tuning, GitOps pipelines, GPU-aware placement and autoscaling for inference and batch workloads.
- **Build production LLM and agent platforms** using RAG, vector databases, vLLM / Ollama and MCP integrations, with model-serving controls, runbooks and deployment guardrails.
- **Develop platform automation, self-service tooling and SRE practice** in Go, Python and Bash with Prometheus, Grafana and OpenTelemetry, standardising releases and improving incident response and reliability.

Macquarie Technology Group, Telecom

Senior Systems Development Engineer · Sydney, NSW, Australia

2023 - 2026

- **Spearheaded automation and deployment** of large-scale telecom and data centre infrastructure, bringing platform-engineering discipline to latency-sensitive, high-availability production.
- **Automated the Linux estate end to end**: bare-metal provisioning, image builds, patching, CIS-style hardening and drift control with Ansible, keeping RHEL / Ubuntu hosts consistent and compliant.
- **Built Go and Python platform tooling** integrating APIs, GitLab/GitHub, Jenkins, NetBox DCIM (racks, power, cabling, IPAM), MongoDB and Redis, making NetBox the source of truth for data centre provisioning and self-service.
- **Operated Kubernetes clusters** orchestrating up to 2,000 Docker containers with autoscaling, self-healing, service discovery and Calico networking for high-demand workloads.
- **Strengthened observability and delivery** with Icinga2, Prometheus, Grafana, OpenSearch, HashiVault and InfluxDB for SLO-style monitoring, and Helm/Kustomize, RBAC and AWS (EC2, Lambda, S3) for consistent, isolated releases.

Next Generation Networks

Senior Network & Systems Administrator · Sydney, NSW, Australia

2013 - 2023

- **Ran operations across multiple data centres, including NEXTDC and Global Switch**: rack-and-stack, structured cabling, power and cooling budgets, hardware lifecycle and remote-hands, plus firewalls, SANs, switching, VLANs, BGP, SD-WAN and 2,000+ VoIP/PBX clients.
- **Built and administered a large Linux server fleet** (RHEL/CentOS, Debian/Ubuntu) on bare metal and KVM/VMware: kernel and network tuning, LVM/RAID storage, systemd services, patching and security hardening.
- **Automated Kubernetes HA clusters with Ansible** and led a comprehensive Azure/AWS cloud-migration strategy delivering cost savings and resilience.
- **Introduced Terraform IaC, Jenkins CI/CD and Grafana/Prometheus observability** and led and mentored the IT team in these practices, lifting uptime and cutting time-to-resolution.

HoneyBee International

Senior Network & Systems Administrator · Sydney, NSW, Australia

2000 - 2013

- **Built and managed the physical and virtual data centre footprint** across colo sites including Global Switch: server racking and cabling, SANs, switching, VLANs, BGP, firewalls and VPNs, plus PBX, Office 365 and API integrations.
- **Built Linux servers from bare metal** for web, mail, DNS and file services, laying the Linux and scripting foundation for an automation-first career.

CONTACT

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CORE STRENGTHS



TOOLCHAIN

Linux RHEL Debian / Ubuntu KVM

VMware IPMI / iDRAC Ansible

Terraform Jenkins GitHub CI

GitLab CI Kubernetes Docker Helm

Kustomize Calico Prometheus

Grafana OpenTelemetry Icinga2

OpenSearch InfluxDB HashiVault

NetBox MongoDB Redis AWS

Azure BGP SD-WAN Cisco

COMPLIANCE

Essential Eight ISO 27001 SOC 2

CIS Benchmarks PCI DSS NIST CSF

ISM / IRAP Privacy Act / NDB

AI / LLM STACK

Claude Code Cursor Copilot MCP

RAG Vector DBs LangChain vLLM

Ollama LLM Inference Model Serving

GPU Scheduling GPU Orchestration

Tenant Isolation Self-Service APIs

ArgoCD

LANGUAGES

Go Python Rust TypeScript

Bash Node.js React Angular

Java C# PHP Ruby