

# Dan Yasny

Infrastructure, Platform, DevOps and SRE Engineer

Montreal, Quebec, Canada

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## PROFESSIONAL SUMMARY

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Experienced Infrastructure and platform engineer specializing in SRE, DevOps, Cloud, System Administration, Hardware, Software, Networking and Storage. Extensive knowledge of modern IT technologies, particularly in open source Virtualization, Containerization, Big Data, Cloud computing, AI (GPU, HPC) and Web3 infrastructure.

Proven leadership skills with experience managing and developing teams while maintaining high quality standards and service awareness.

## PROFESSIONAL EXPERIENCE

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### Product Engineer (SRE/DevOps/Infrastructure/Platform)

*Andromeda Cluster* | Montreal, QC (Remote) | November 2025 - Present

<https://andromeda.ai>

- Platform Engineering around AI and GPU baremetal on-premise infrastructure across multiple top tier GPU providers and major cloud providers
- GitOps and Automation across AI Training clusters, management clusters, customer and internal infrastructure systems
- Building and maintaining an Observability platform incorporating metrics, logs, anomaly detection and alerting for internal and customer issues
- Design and development of in-house management layer for various types of on-demand infrastructure orchestration solutions, aimed at one-click burn-in testing, connectivity and security for HPC, AI and other infrastructure clusters
- Networking and Security solutions design and implementation

**Keywords:** *GitOps, ArgoCD, git, Kubernetes, RKE2, Helm, Go, Python, Ansible, Docker, GKE, GCP, Terraform, Github, Github Actions, Automation, Wireguard, Tailscale, Nebula, Prometheus, Grafana, Loki, Alloy, Victoria Metrics, Victoria Logs, SLURM, KubeRay, Weka, pNFS, RoCE, Infiniband*

### Staff Infrastructure Engineer

*Irreducible* | Canada | November 2024 - November 2025

Driving infrastructure and automation efforts across all fields:

- Kubernetes implementation and migration
- CI/CD for Go, Rust, Terraform, Ansible, Verilator and FPGA oriented pipelines
- Ground-up architecture for secure and scalable infrastructure across public clouds and baremetal datacentres
- Automated internal and competitive benchmarking
- AWS and GCP integration for infrastructure architecture and DevOps workflows
- GitHub org management and IaC automation

### Lead DevOps Engineer

*Figment* | Canada | July 2024 - November 2024

#### ***Driving Automation and Operational Excellence in Blockchain Infrastructure***

- Spearheading the automation of infrastructure and blockchain operations across multiple blockchain networks within a high-performance staking environment
- Designing and implementing systems to support seamless scalability, reliability, and security for staking operations
- Leading initiatives to enhance processes and workflows across the DevOps organization, with a strong emphasis on eliminating manual tasks, streamlining blockchain setup, and automating maintenance and upgrade procedures
- Mentoring and providing technical guidance to team members and intra-team collaborators on a variety of complex topics, fostering a culture of continuous learning and knowledge-sharing

- Collaborating closely with blockchain maintainers and developer communities to optimize performance and maximize staking rewards, leveraging deep expertise in blockchain protocols and infrastructure
- Managing operations with a diverse set of T1 and T2 cloud and infrastructure providers, ensuring optimal resource utilization and performance across multi-cloud and hybrid environments

**Keywords:** *Blockchain Platforms: Cosmos-SDK, Ethereum, The Graph. Automation Tools: Ansible, Terraform, Helm, Python, Bash. CI/CD: GitHub Actions, Kubernetes Jobs. Containerization: Docker, Kubernetes, GKE, EC2, bare-metal. Cloud Providers: GCP, AWS, OVH, [Servers.com](https://www.servers.com)*

## **Senior Core Infrastructure/Performance/Site Reliability Engineer**

*Kraken Digital Asset Exchange | Canada | September 2023 - July 2024*

Core infrastructure and performance engineering role (details under NDA).

## **Senior Infrastructure Engineer/Cloud Architect/Platform Engineer**

*Turso | Canada | November 2021 - September 2023*

- Lead design and manage all things infrastructure: DevOps/SRE/Cloud/etc
- Design, implementation and maintenance of cloud and on-prem based deployments
- Participate in the overall product design from the infrastructure point of view
- Design and build the company's Managed Service offering
- Create, manage and expand the Turso E2E Automated testing suite
- Create, manage and continuously develop the CI/CD, Release and Test pipelines for various company products across a matrix of programming languages, target platforms and technologies

**Keywords:** *AWS, Azure, GCP; EKS, AKS, GKE, Kubernetes; Helm, Argo Workflows, ArgoCD, Jenkins, Tekton, Github Actions, Docker, Podman, ECR; Terraform, Ansible, Argo, Python, Bash, Rust, Golang; SQL, PostgreSQL, Distributed; Automation, Cloud, Infrastructure, DevOps, IaC, SRE; GCC, Make, Cargo, gorelease, nmake; Linux, MacOS, Windows*

## **Principal Field Engineer (DevOps/SRE/Stateful workloads on Kubernetes)**

*MayaData | Remote (EST) | January 2021 - November 2021*

- Wearing many hats and participating in Product, Sales, SRE, DevOps, Business, Quality, Marketing, Community and other aspects of the company
- Providing technical assistance to the Sales cycle around Kubernetes, Stateful workloads and high performance storage
- Generating automatic Demo environments and workloads for specific customer requirements
- Participating in various Product Management and planning cycles

**Keywords:** *Python, Ansible, Terraform; AWS, Azure, GCP; Prometheus, Grafana, Loki; Kubernetes, K8S, Openshift, Kubespray, MicroK8S; CassandraDB, MinIO, ScyllaDB, PostgreSQL, MariaDB (in K8S); Mayastor (NVMe-oF, SPDK), OpenEBS*

## **Head of Global Technical Support**

*ScyllaDB | Montreal, Quebec, Canada | September 2020 - November 2021*

Establish and manage the global Techsupport team for ScyllaDB:

- Establish and document support procedures
- Define, formalize and configure customer interaction and support channels
- Interview, hire and manage a globally distributed team
- Establish ticketing, on-call rotation, escalation procedures and automated reporting
- Create an internal knowledge base dealing with customer specifics and contributing to the public technical KB

## Senior Field Engineer

*ScyllaDB* | Montreal, Canada | July 2018 - January 2021

- Massive customer database deployments
- Technology blogs around Scylla
- Authored the scylla-ansible-roles
- Various automation, backup/restore, migration and support utilities supporting the Scylla stack
- Built and managed the Customer Support team

**Keywords:** *ScyllaDB, Cassandra, NoSQL, Spark, Prometheus, Grafana, Docker, Kubernetes (k8s), mesosphere, DCOS, AWS, GCP, Azure, Ansible, Bash, Python, Terraform, Go, Scala*

## Senior Quality Assurance Engineer SDET

*Red Hat* | Montreal, Canada | December 2015 - July 2018

- Developing test automation for OpenShift, Kubernetes, with focus on KubeVirt, the K8S native VM launcher
- Testing and automation of Openstack (RDO, RHEL OSP) deployments using TripleO and OSP-Director
- Testing, debugging and working with engineers to resolve issues in the entire OpenStack deployment process

**Keywords:** *OpenShift, KubeVirt, Container Native Virtualization (CNV), KVM, libvirt, Kubernetes, Docker, CRI-O, OpenStack, TripleO, Ansible, Python, Go/Golang, CI/CD, Jenkins, Docker, Puppet, Git, DevOps, Automation*

## Senior Technical Cloud Computing Solutions Architect

*Red Hat* | Montreal, Canada | May 2014 - December 2015

- Automation of OpenStack deployments using eNovance Spinalstack (Puppet, Ansible, and various custom toolsets)
- RHEV, Cloud Forms and other hybrid cloud oriented technologies integration
- Data Centre design and maintenance for eNovance and Red Hat customers
- Providing technical response to arising customer issues around OpenStack deployments
- Participating in presales engagements for strategic customers

## Data Centre Design and Management Consultant/Architect

*Self Employed* | Canada | May 2013 - May 2014

Designed, deployed and maintained company datacentres including firewalls, VPN access, networks, servers, virtualization systems, SAN systems, and various enterprise applications. Implemented monitoring, backup systems, and integrated company-specific systems.

## EARLIER CAREER EXPERIENCE

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### Senior Technical Product Manager - Virtualization and Cloud

*Red Hat* | Israel | December 2011 - April 2013

Developed solutions for System Architects, ISV partners and customers. Created custom solutions for specific requirements, advanced RHEV/oVirt adoption, developed future feature concepts, and conducted competitive analysis.

### Senior Software Maintenance Engineer

*Red Hat* | Israel | November 2008 - December 2011

Specialized in Red Hat Enterprise Virtualization (RHEV). Served as Subject Matter Expert, developed support tools and scripts, assisted in corporate setups, compiled knowledge base articles, and maintained internal laboratory for testing.

## Senior Server Analyst

*Dell Computers* | UK/Ireland, Hebrew and Russian markets | September 2007 - September 2008

Provided technical support for Dell servers and products, diagnosed and troubleshot customer equipment, utilized analytical troubleshooting skills, and supported comprehensive Dell server ecosystem.

## System Administrator and IT Manager

*CogniTens* | Israel | December 2006 - June 2007

Managed remote support systems, installed hardware and software for production robots, maintained Windows and Linux workstations, managed servers and networking infrastructure, and secured worldwide antivirus installations.

## Senior System Administrator

*Various Private Companies* | Israel | January 1994 - January 2006

Specialized in multiple operating systems, network design and implementation, backup and business continuity management, mail and messaging systems, web services, and hardware management across diverse technology stacks.

## CORE TECHNICAL SKILLS

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### Cloud & DevOps

AWS, GCP, Azure, OpenStack, Terraform, Ansible, Jenkins, GitHub Actions, ArgoCD, CI/CD Pipelines

### Programming & Scripting

Python, Bash, Go, Rust, Ansible, Git, SQL, NoSQL

### Networking & Storage

Cisco, Dell, HP equipment, SDN, iSCSI, NFS, FC, FCoE, Multipathing

### Containers & Orchestration

Kubernetes, OpenShift, Docker, EKS, AKS, GKE, Helm, Mesosphere, DC/OS, Nomad

### Databases

ScyllaDB, Cassandra, PostgreSQL, MySQL, MongoDB, MS-SQL

### Blockchain & Web3

Ethereum, Solana, Cosmos SDK, The Graph, Validator nodes, Staking infrastructure, ZK proof infrastructure

### Virtualization

KVM/QEMU, VMware ESX/ESXi, Hyper-V, Xen, RHV, oVirt, libvirt, Incus

### Monitoring & Observability

Prometheus, Grafana, Loki, Victoria Metrics, Victoria Logs, Alloy, Distributed tracing

### HPC & AI Infrastructure

SLURM, SUNK, Slinky, KubeRay, NVIDIA GPU management, Apache Spark

## EDUCATION

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**BA, Business Management** | University of Derby | 2002 - 2005

**VMware vSphere 5 Install, Configure, Manage (VCP5)** | High Tech College Hertzlia | 2012

**RHCE Bootcamp** | Red Hat Training | 2010

**CompTIA Network+** | Self Study | 2007

## PROFESSIONAL CERTIFICATIONS

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RHCVA • RHCE • Server+ • Linux+ • CNE

## LANGUAGES

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English (Native) • Russian (Native) • Hebrew (Native) • French (Basic)