

# David Grenier

## **DevOps Specialist**

**Location:** *Montreal, QC, Canada*

**Email:** *livegrenier@gmail.com*

**Languages:** *Fluent in English and French*

**Linkedin:** [linkedin.com/in/davidbgrenier](https://www.linkedin.com/in/davidbgrenier)

## **Profile:**

I'm a DevOps and Cloud Infrastructure Specialist with over 10 years of hands-on experience in designing and managing both cloud and on-premises environments. I've built automation solutions that empowers development teams and provide clear insights into system performance and deployment processes. My focus is on creating infrastructure that connects development with operations, helping teams work more efficiently. Over the years, I've learned that strong communication and critical thinking are just as important as technical skills when it comes to delivering real business value.

## **Core competencies:**

- **Cloud Infrastructure**
  - GCP • Azure • Cloudstack • Openstack
- **Infrastructure as Code**
  - Ansible • Terraform • GitOps (ArgoCD)
- **Monitoring & Observability**
  - Prometheus / Thanos • Grafana • ELK • Stackdriver
- **Containerization & Orchestration**
  - Kubernetes (GKE, RKE) • Docker • Helm
- **Hypervisors**
  - Xen • KVM • Hyper-V • ESXI/vCenter
- **CI/CD**
  - Azure DevOps • GitLab Pipelines

## **Work Experiences:**

### DevOps Specialist - Flinks

*Dates Employed: Feb 2022 – Present*

- **DevOps:**
  - Implemented and maintained scalable infrastructure to improve uptime
  - Working with developers to ensure the deployment process from QA to preprod to prod is flawless
  - GitOps using ArgoCD + templating Kustomize manifests with CUE to facilitate redeployment
  - Building pipeline templates in various scripting languages to automate workflows and deployments
  - Training and documentation to improve usability of new processes
  - Taking ownership of reliability and incident resolution
  - Automating management of Kubernetes resources outside GitOps for improved efficiency
  - Exposing metric endpoints or pushing metrics into Prometheus / Thanos to use in AlertManager / Grafana
  - Provisioning and managing cloud resources in GCP & Azure with Terraform
  - Customizing Helm templates for ArgoCD deployments
  - Utilizing Azure DevOps for Git + pipelines + project planning

### Cloud System Administrator – Cloud.ca

*Dates Employed: April 2020 – Feb 2022*

- **SysAdmin/DevOps:**
  - Managing and troubleshooting:
    - Apache CloudStack
    - Citrix Xen Hypervisor
    - Block Storage (Pure, Datera, Solidfire)
    - Object storage (Swift)
  - Deploying and managing Canonical MAAS to automate bare-metal deployments
  - Automating application deployments through Ansible, chef, Terraform / cloud-init
  - Building pipeline work flows to test and push changes in GitLab
  - On-site facility rack planning and installation
  - Managing internal infrastructure services:
    - ELK, RabbitMQ, MySQL/Postgres, Cloudera, Commvault, HashiCorp's Consul, Vault & Packer
  - Creating Grafana (tsdb) & ELK dashboards to simplify monitoring visibility

## Senior System Administrator - iWeb / INAP – (Level 1-3)

*Dates Employed: Oct 2016 – April 2020*

- **Public Cloud:**
  - Using Openstack's API to deploy and manage instances, images, networks, object & block storage
  - Troubleshooting a broad range of issues for bare-metal & virtual instances on INAP's OpenStack
- **Deploying and managing high availability private cloud infrastructures:**
  - Hyper-V Failover Clusters + Hyper-V replication • ESXI + vCenter
- **Managing and deploying SAN's:**
- Dell:
  - EqualLogic • PowerVault • Unity
- NetApp (ONTAP)
  - targetcli
- **Managing and deploying cluster solutions (using Ansible to automate deployment):**
  - MSSQL virtual cluster solutions (Failover Cluster / AG)
  - NFS and MySQL clusters with DRBD & Pacemaker + Corosync
  - IIS + replication (DFS) • MySQL replication
  - Load balancing:
    - HAProxy / HAPEE
    - Keepalived (VRRP / LVS)
    - iptables/firewalld nating and routing
    - F5 Load balancing
- **Networking:**
  - Deploying & managing Cisco ASA firewalls (VPN S2S, L2TP, Anyconnect, NAT/ACLs, Failover)
  - Switch port management and debugging: Juniper, Cisco, Dell (Q-in-Q, LAG, LACP)
  - Information gathering during incidents (MTR, Iperf, Nmap, tcpdump)
- **Other System Administration Tasks:**
  - Last level of escalation for technical issues and inquiries (+ on call) • Training & coaching system administrators Level 1 & 2 • Installing and troubleshooting web, DNS, mail, & database services on Linux and Windows • Configuring Nagios monitoring for customer environments • Scripting tasks and processes for the support team • Managing & troubleshooting hardware and software raids

## System Administrator - Mustang technologies

*Dates Employed: Apr 2015 – Oct 2016*

- **Linux / VMware ESXI / Windows Server / Networking:**
  - Deploying and managing ESXI nodes for a variety of shared/managed web hosting solutions
  - Deploying and troubleshooting Apache + varnish, BIND, SMTP, & MySQL/MS SQL services
  - Deploying and troubleshooting CMS platforms such as: Wordpress & Magento
  - Managing Windows services for internal operations (AD/GPO/DNS, SMB & PPTP services)
  - Configuring and managing PPPOE connections on FreeRADIUS for DSL connectivity

## IT Technician - Techspa Inc

*Dates Employed: May 2013 – Aug 2014*

- **Computer Repairs:**
  - Deploying workstations, networking (pfSense/Linux) & NAS storage for small business offices
  - Deploying and supporting Linux workstations for small businesses and consumers
  - Performed on-site repairs and maintenance on personal / business workstations
  - Replacing defective components for Apple devices & workstations
  - Analyzing system activities with Sysinternals tools to mitigate and eliminate malicious processes
  - The ability to identify and troubleshoot hardware and OS problems on workstations