

Joanna Delaporte

Cloud/Hybrid On-Premises Enterprise Architect

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SUMMARY

- Driving connected remote workspace design 10 years ago ... to integrating people, platforms, and solutions.
- Delivering value through Enterprise Architecture integrations.
- Improving consistency with Infrastructure as Code.
- Driving responsiveness through automation and process improvement.
- Bringing teams together to promote each other's work and collaborate on solutions.
- Proven ability to connect the dots, research and weigh various options, and select integrations most likely to deliver value and be successful.

EXPERIENCE

Solutions Architect – State Gov/Higher Ed, Red Hat (US remote)

Jan 2021 - Present

- Expanded Ansible Meetup from local to statewide.
- Founded and nurtured RokMetro partnerships across Red Hat Research, Open Source Program Office, Smart Cities, IBM Research, Partner Enablement, and Higher Ed teams with business sessions, technical sessions, and personal connections.
RokMetro builds and customizes the ROKWIRE platform for universities and metropolitan districts, to bridge information and resources across siloed systems and provide end users with a seamless connected mobile ecosystem.

Sr. Solutions Architect – DevOps, Ahead — Chicago, IL (remote)

Aug 2019 - Jan 2021

- Designed and led automation project for a full stack network device backup/restore via Ansible Tower for push-button recovery orchestrated across five (5) datacenter and retail lab environments, including physical and virtual Cisco AireOS/Nexus/Catalyst, Palo Alto firewalls, F5 BigIP load balancer, SilverPeak Orchestrator, Aruba switch and Aruba Wireless Controller.
- Integrated Ansible, Ansible Tower, and vRealize 8.x blueprints.
- Architected and engineered enterprise deployments of Hashicorp Vault.
- Wrote Ansible roles to deploy Hashicorp Vault clusters on AWS.
- Provided lead engineering on integrations of Ansible, Nagios, ServiceNow, Logstash, Kubernetes, Jenkins, and various custom APIs for monitoring infrastructure.
- Automated onboarding into configuration management/monitoring, using PowerShell, Korn shell, and bash for Windows, AIX, and Linux.

Database Engineer, Datto — Norwalk, CT (remote)

Oct 2018 - Aug 2019

- Brought Ansible experience to my team, coaching and advising through weekly roundtables, pair programming, and code reviews.
- Immediately resolved production backups issue for 20 db servers.
- Rescued a subnet migration in progress on track to cause an application outage. Coordinated and implemented steps to maintain uptime/replication.
- Migrated Postgresql and MySQL databases across major versions of Ubuntu and database, without data loss, using Ansible. Repaired replication streams.

CODE (mostly private repos)

<https://github.com/jdelaporte>

<https://bitbucket.org/jdelaporte>

CERTIFICATIONS

Ansible RedHat Certified Specialist (2019).

AWS Solutions Architect Assoc. (2018)

LPIC-1 (2016)

Red Hat RHCSA (2021)

Red Hat RHCE (2021)

Hashicorp Vault Intermediate (2019)

Hashicorp Vault CHIP certified (2020)

Hashicorp Consul Intermediate (2020)

SKILLS

Domain Administration

Cassandra, Docker, CentOS 5,6,7, Ubuntu, Slackware, AWS, EC2, Cobbler, Terraform, Ansible, Puppet, SaltStack, Git, cvs, named, bind, DNS, MySQL, Postgresql, redis, fdisk, parted, Nagios, NRPE/NCPA, Zabbix, Datadog, GNU/Linux, sendmail, keepalived, haproxy, kvm virtualization, apache, httpd, tomcat, nfs, drbd, nis, FreeIPA/IdM server, python, java, hardware and software RAID, VoIP administration, IVR, dial plans.

Management Skills

IT training, coaching, public speaking, professional writing, requirements and stakeholder analysis, priority alignment, capacity planning, migration planning, disaster and contingency planning.

COMMUNITY

Ansible IL meetup (founder)

CU Cloud meetup (contributor)

Champaign Rotary Club (member)

Red Hat User Group IL (co-founder)

PRESENTATIONS and DEMOS

Ahead 2021: [Secure Service Provisioning](#)

AnsibleFest 2020: [Tower and vRA 8](#) demo

IT Pros Forum 2019: IaC roundtable

IT Pros Forum 2018: [Terraform Quick Start](#)

Urbana Pub. Libr. 2017-2019: Scratch Programming

IT Pros Forum 2016: [Boring Push-Ups with Ansible](#)

PUBLICATIONS

Co-Author, "Toxic Plants" chapter, Small Animal Toxicology Essentials (Wiley-Blackwell, 2011)

Author, "Ionophore Toxicosis in the Horse", Veterinary Technician Journal (Nov. 2006)

- Built and deployed an updated Docker image for hundreds of live production Cassandra cluster nodes.

Linux Engineer, Wolfram — Champaign, IL

Aug 2017 - Oct 2018

- Led the team to plan forward, find zones to thrive, architect better workflows, collaborate across teams, and make efficient progress.
- Asked “Why is Wolfram Alpha not in Alexa?” during my interview.
- Owned Wolfram Alpha | Amazon Alexa infrastructure integration. ~\$10 million/yr income generation.
- Maintained clustered computing on several hundred bare metal and virtual Linux servers across four co-locations in three states.

Sr. Linux Administrator, Parkland College — Champaign, IL

Jan 2014 - Mar 2017

- As the only Linux administrator, managed the entire Computer Science/Information Technology (CSIT) sub-domain and issues for over 10,000 users.
- Leveraged Ansible to build a repeatable warm-spare off-site solution for business continuity.
- Introduced live systems monitoring with Nagios, which soon assisted in alerting me of a compromised student account (while I was on top of a mountain in Georgia!).
- Added cloud-based backup (fast, frequent) to the existing physical backup rotation (slow, infrequent).
- Collaborated with AWS Educate grant program to reduce student and faculty cloud costs, for a total value of up to ~\$104,000.00 annually.
- Motivated Parkland College Testing Center to offer AWS certification exams on-site.
- Built Ansible to spin up a warm spare domain server on AWS.

VoIP Engineer, ASPCA — Urbana, IL

2008 - 2011

- Initiated, designed, and implemented remote (out of state) call center agents’ telephony and computing environments with VoIP phone for call center queue and Citrix virtual desktops for internal application access.
- Researched and selected a new VoIP phone system for our 24 x 7 inbound call center. Saved \$500,000.00 on new VoIP purchase versus the next-best alternative, resulting in improved employee and customer satisfaction, improved reporting/analytics, new call recording, and reduced ghost calls.
- Managed new VoIP system, IVR, recording rules, and dial plan.
- Designed and implemented a high-level triage system to increase call retention, customer and employee satisfaction, and revenue.